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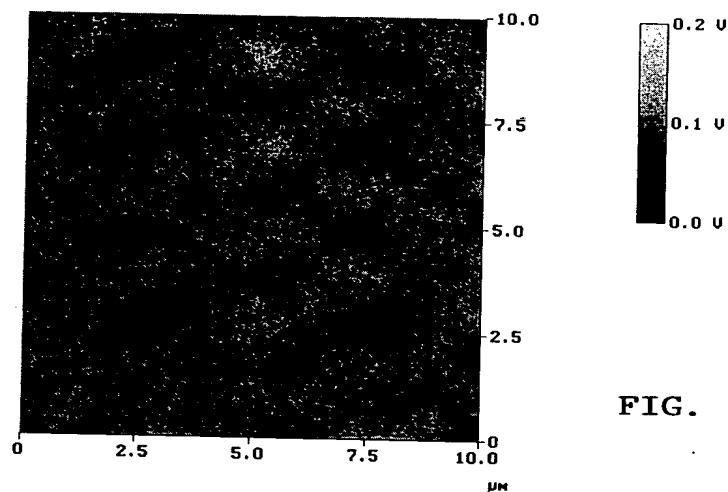


FIG. 1A

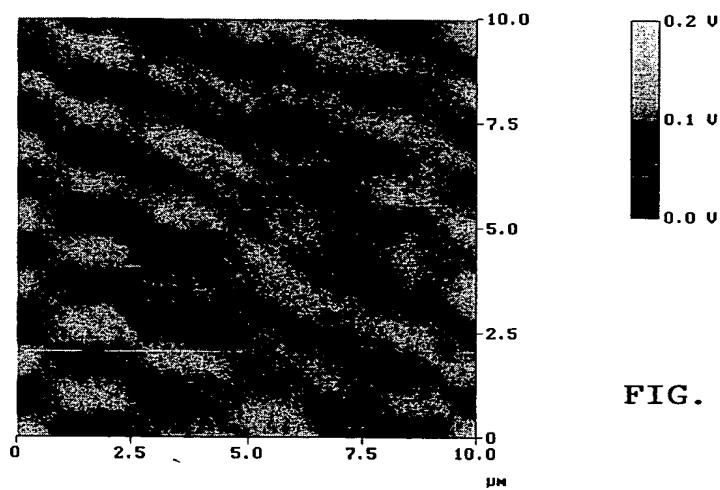


FIG. 1B

10/659,090
REPLACEMENT DRAWING

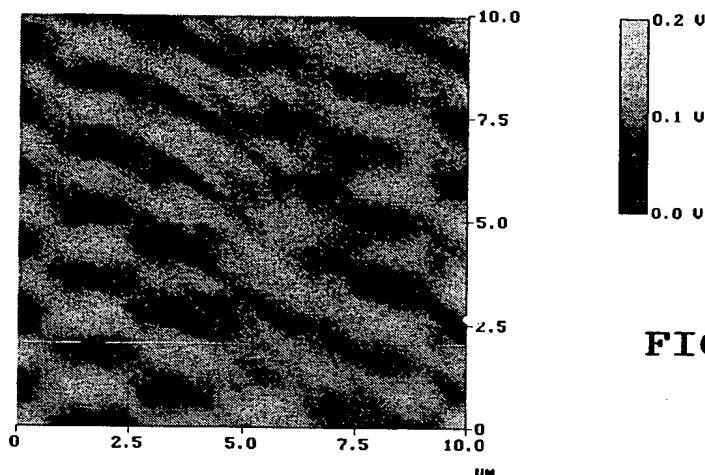


FIG. 2A



FIG. 2B

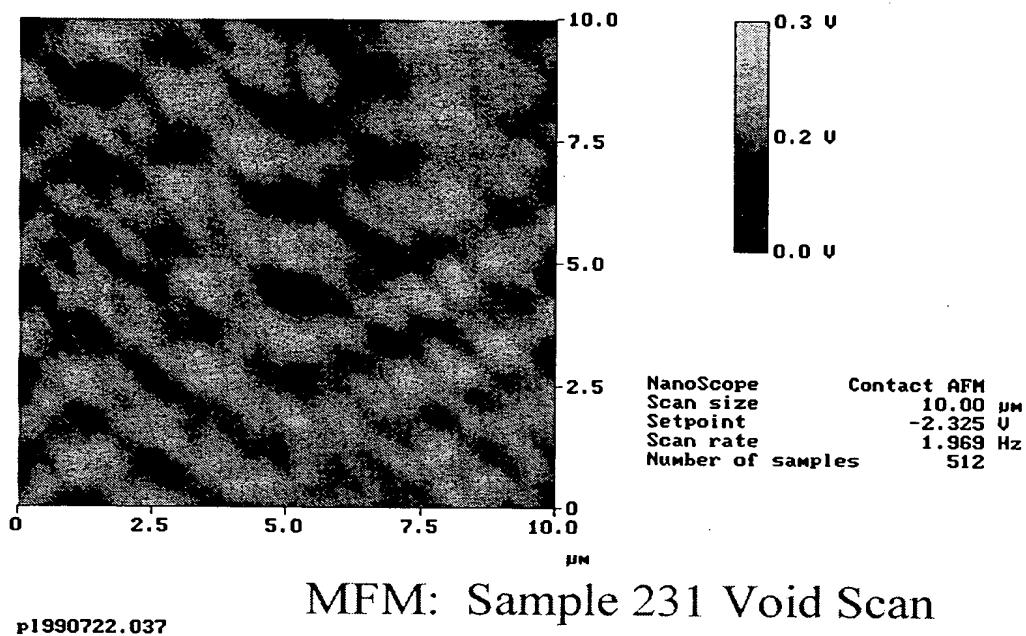


FIG. 5A

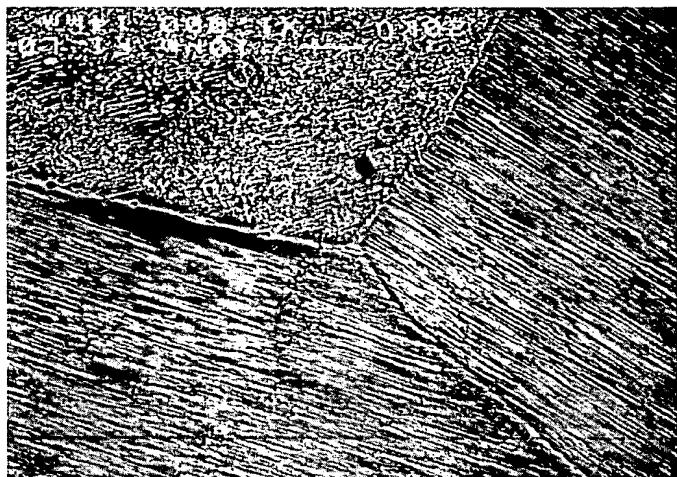


FIG. 18A

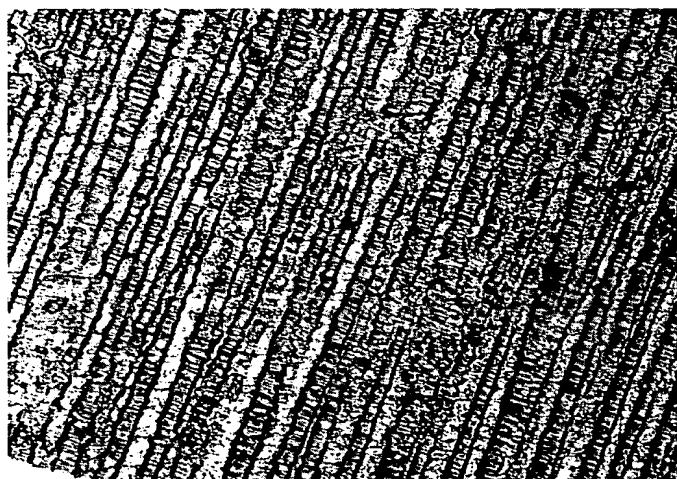


FIG. 18B

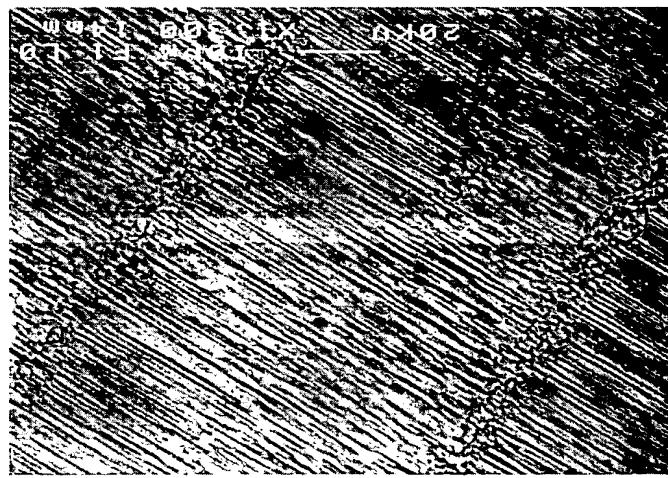


FIG. 18C

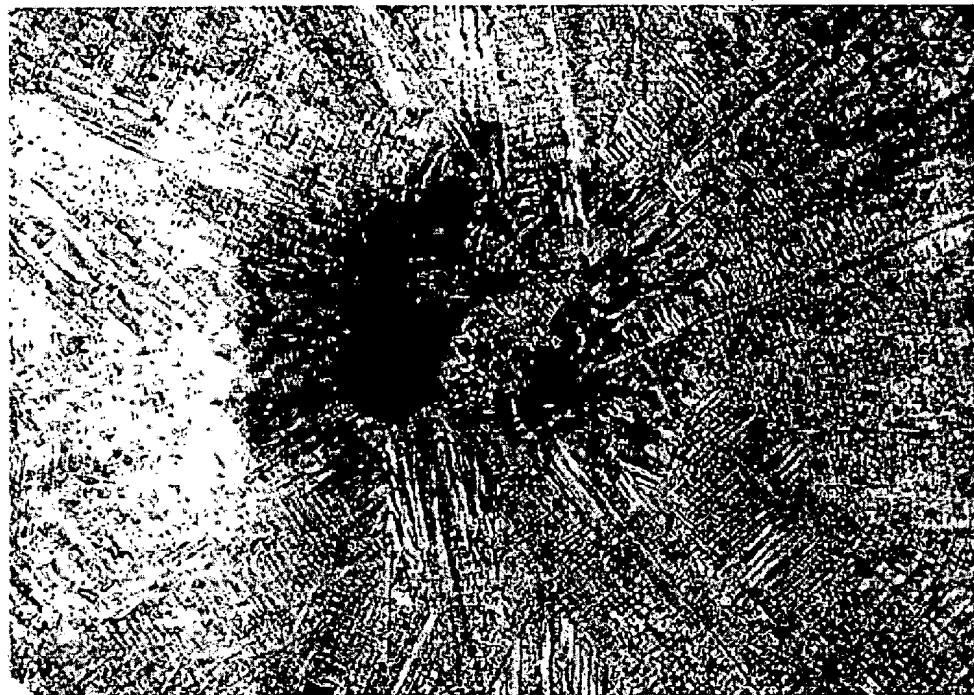


FIG. 19A



FIG. 19B



FIG. 20A



FIG. 20B

10/659,090
REPLACEMENT DRAWING

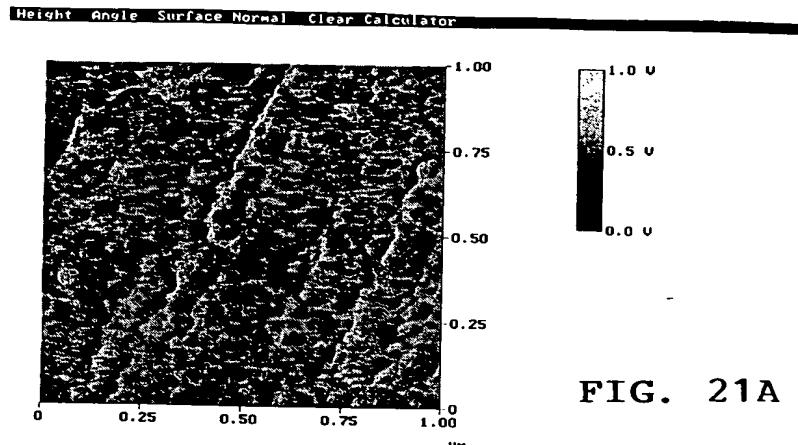


FIG. 21A

p1990722.015
Height

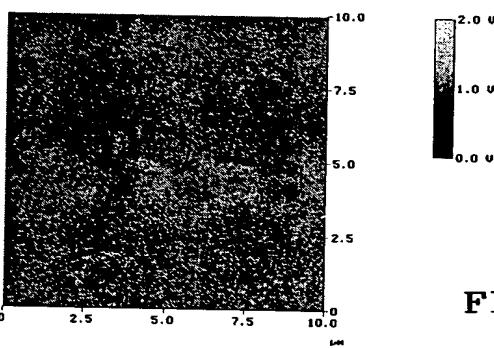


FIG. 21B

p1990722.011
Height

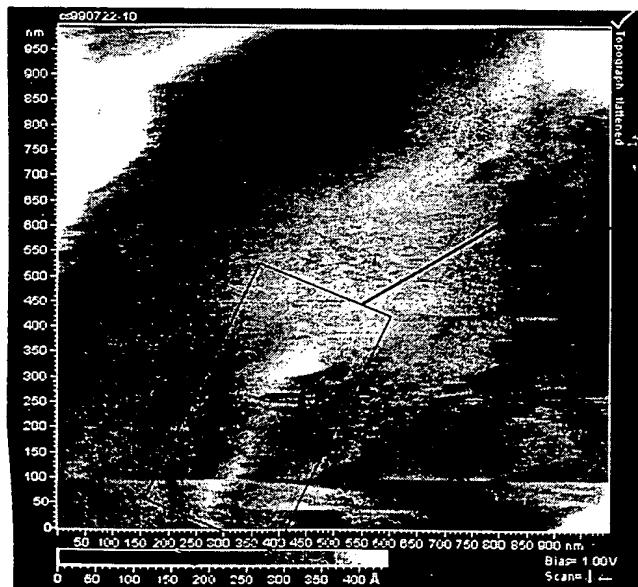


FIG. 21C

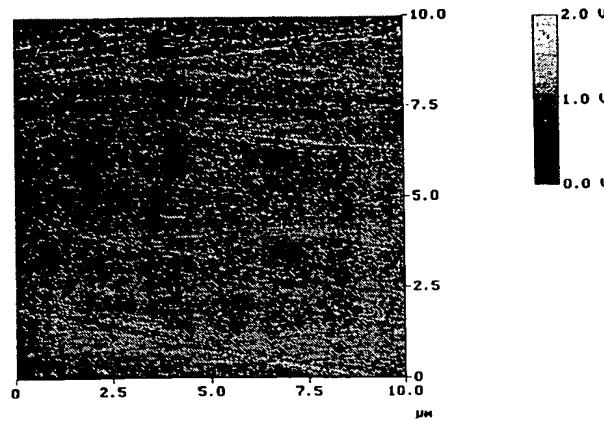


FIG. 22A

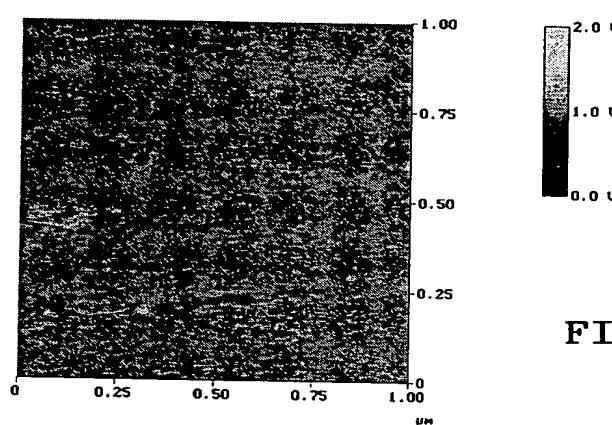


FIG. 22B

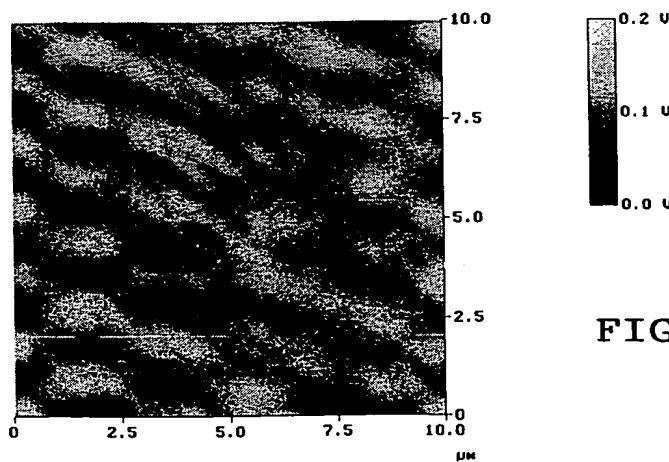


FIG. 22C

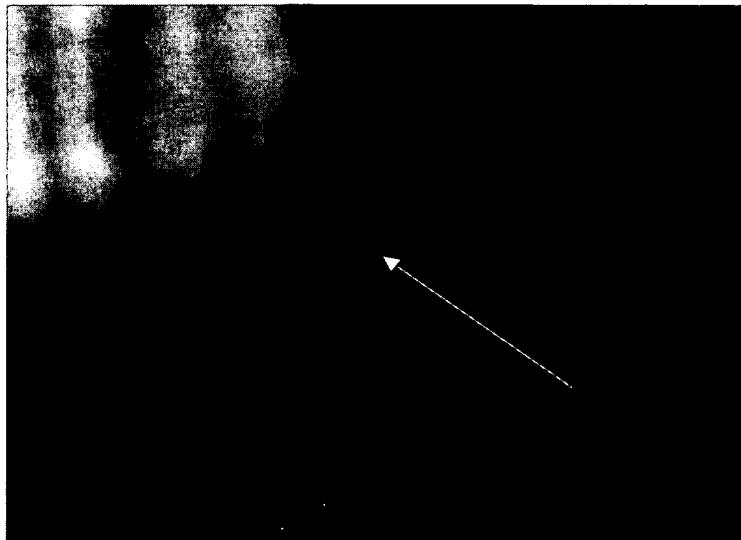


FIG. 23A

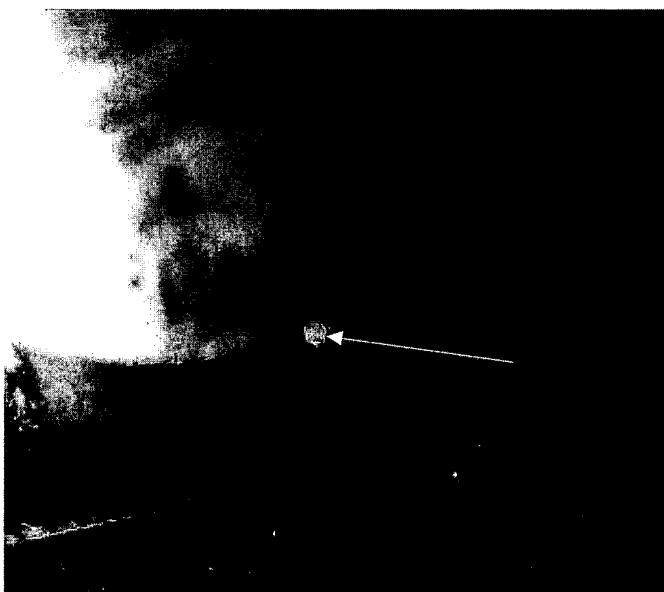


FIG. 23B

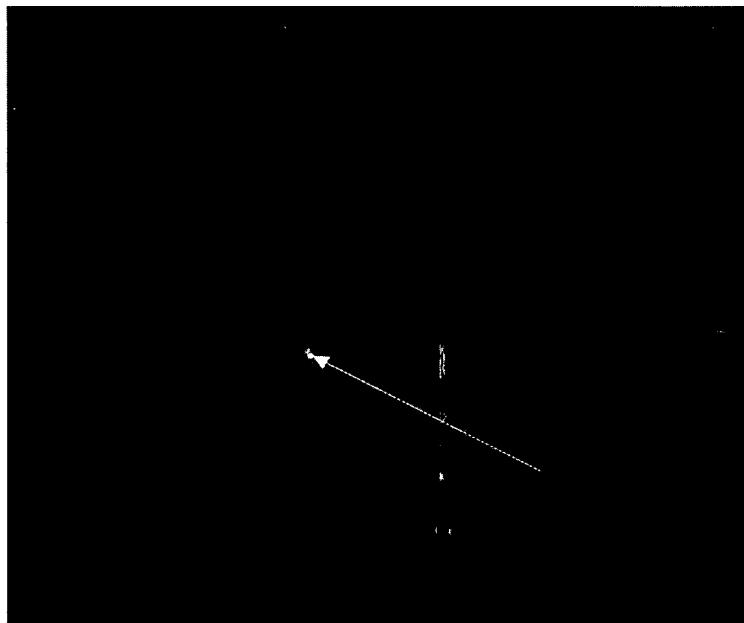


FIG. 23C

14-01-01 scans for Copper (LiF220/FPC)

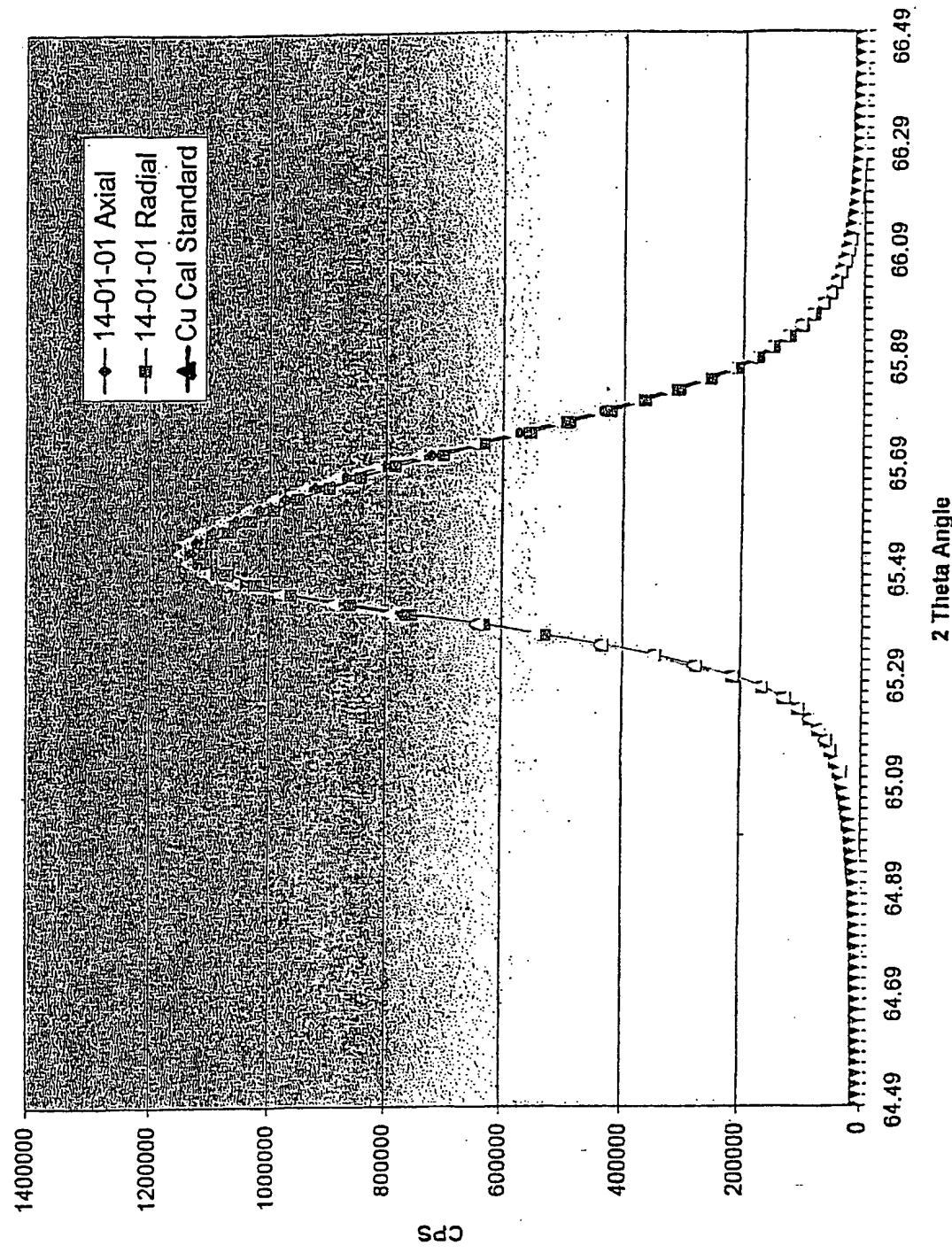


FIG. 25

Al in Copper 14-01-01

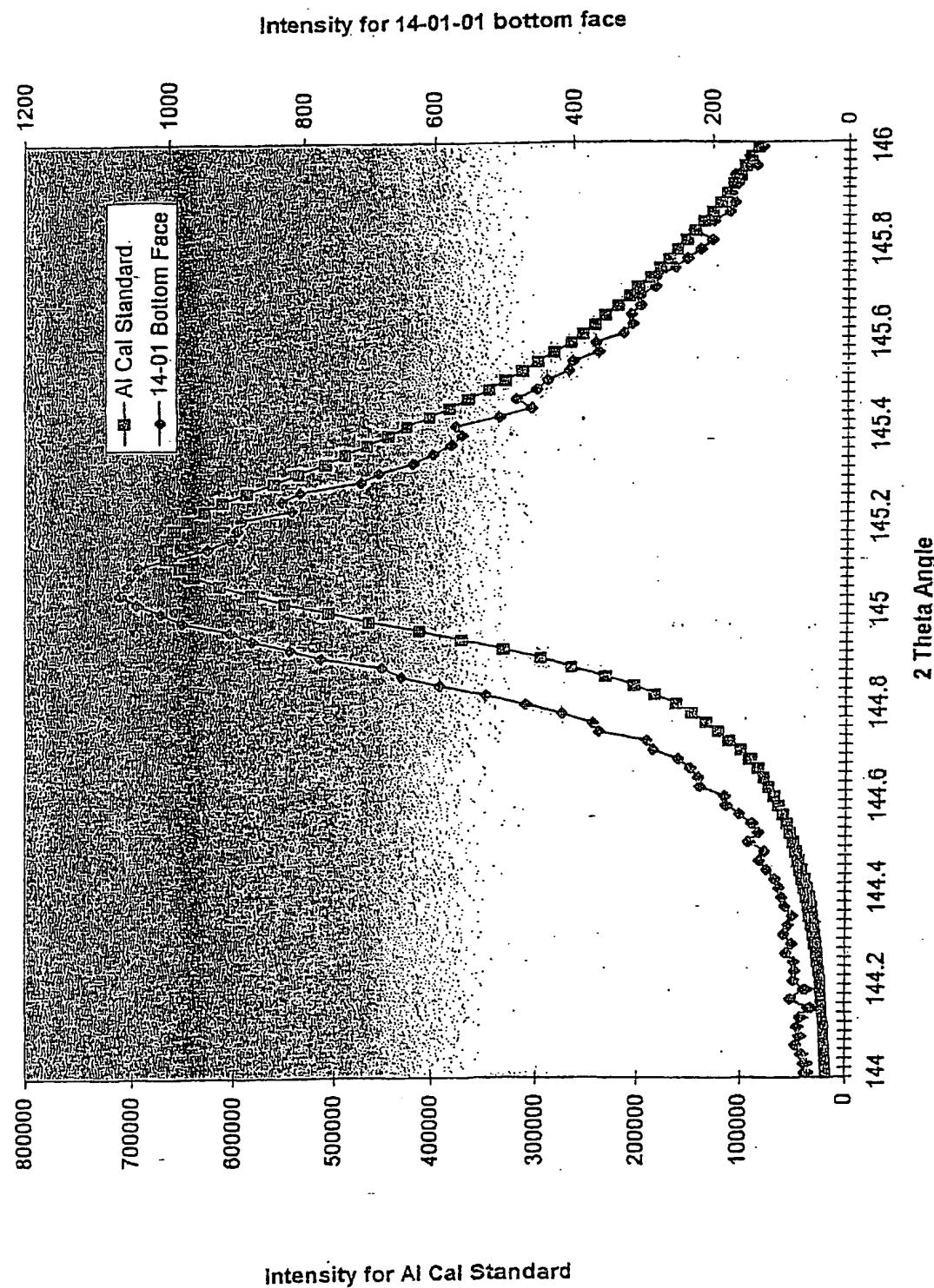
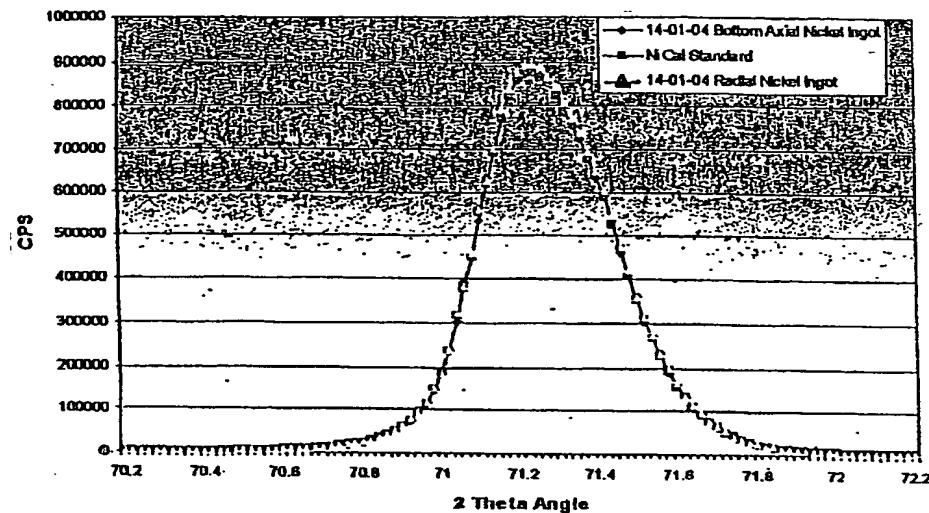


FIG. 26

Nickel Scans: Nickel Analysis



K_α Nickel Scans
Run 14-01-04

FIG. 27A

L_α Nickel Scans
Run 14-01-04

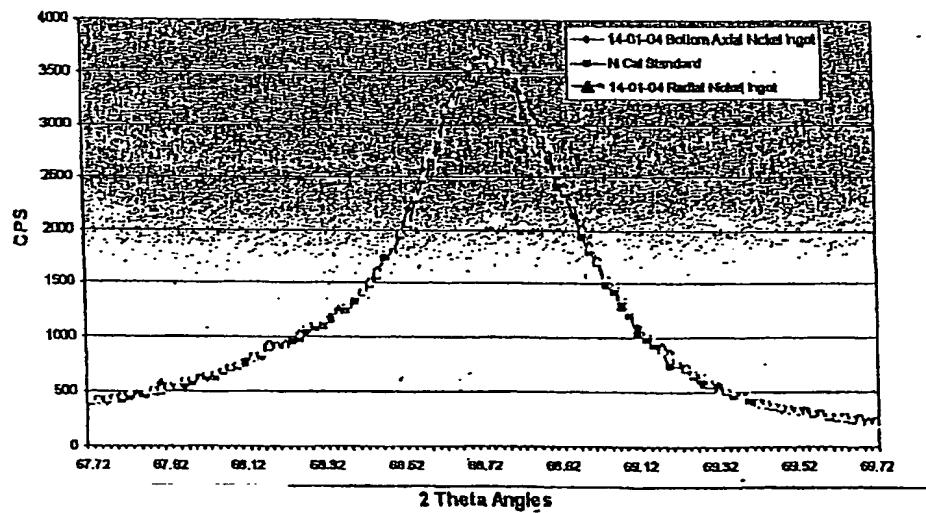
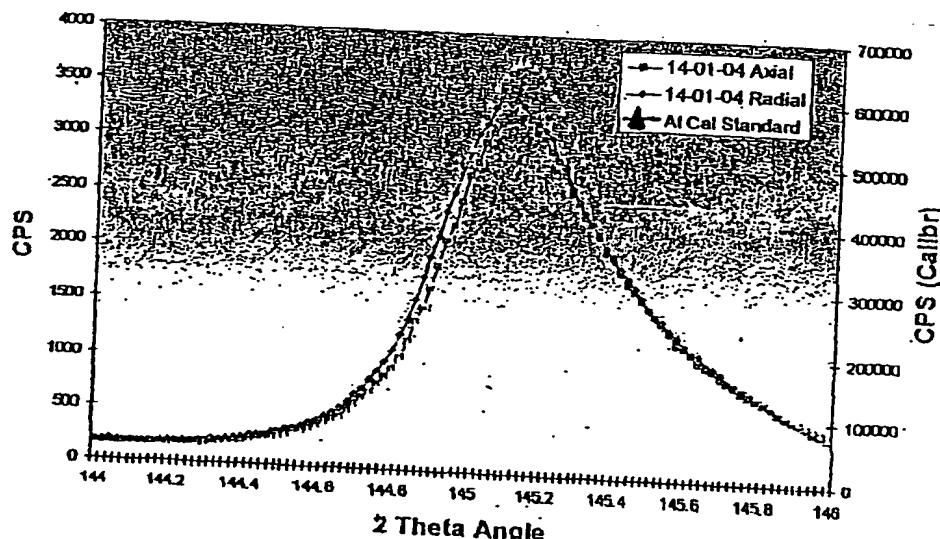


FIG. 27B

Nickel Scans: Al and Zr



K_{α} Aluminum Scans of Nickel
Run 14-01-04

FIG. 28A

K_{α} Zirconium Scans of Nickel
Run 14-01-04

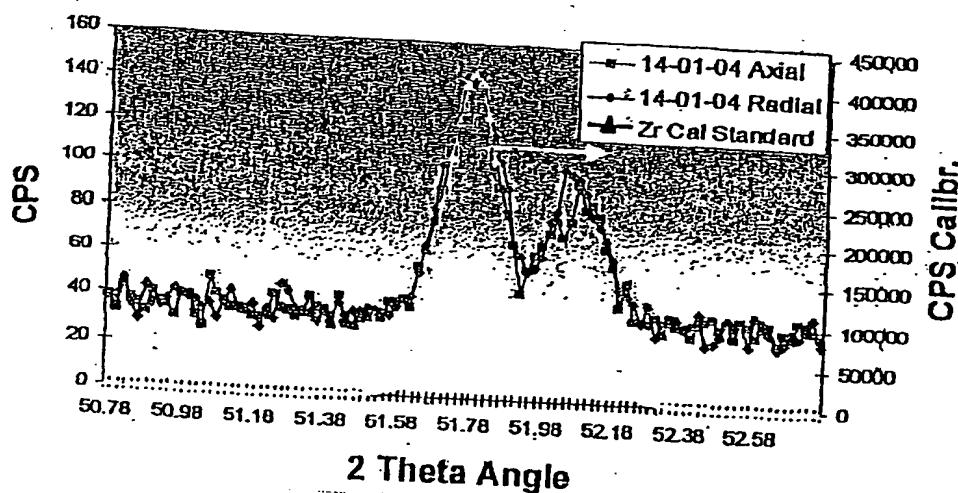


FIG. 28B

Nickel Scans: Sulfur on 6 sides

K_a Sulfur Scans of Nickel
Run 14-01-04

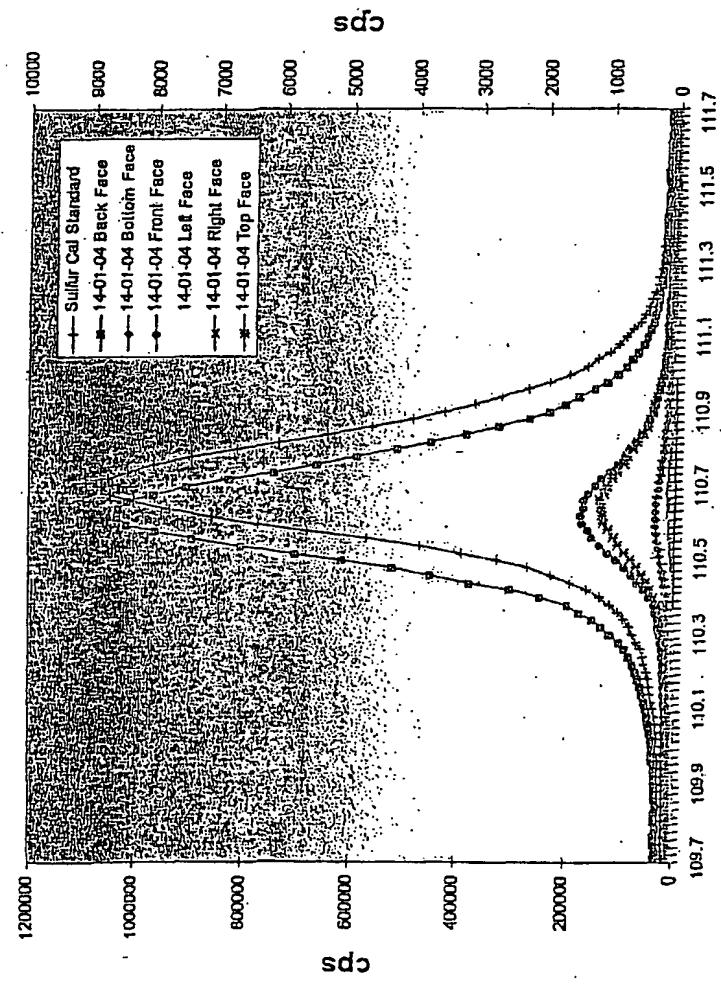


FIG. 29

Nickel Scans: Cl

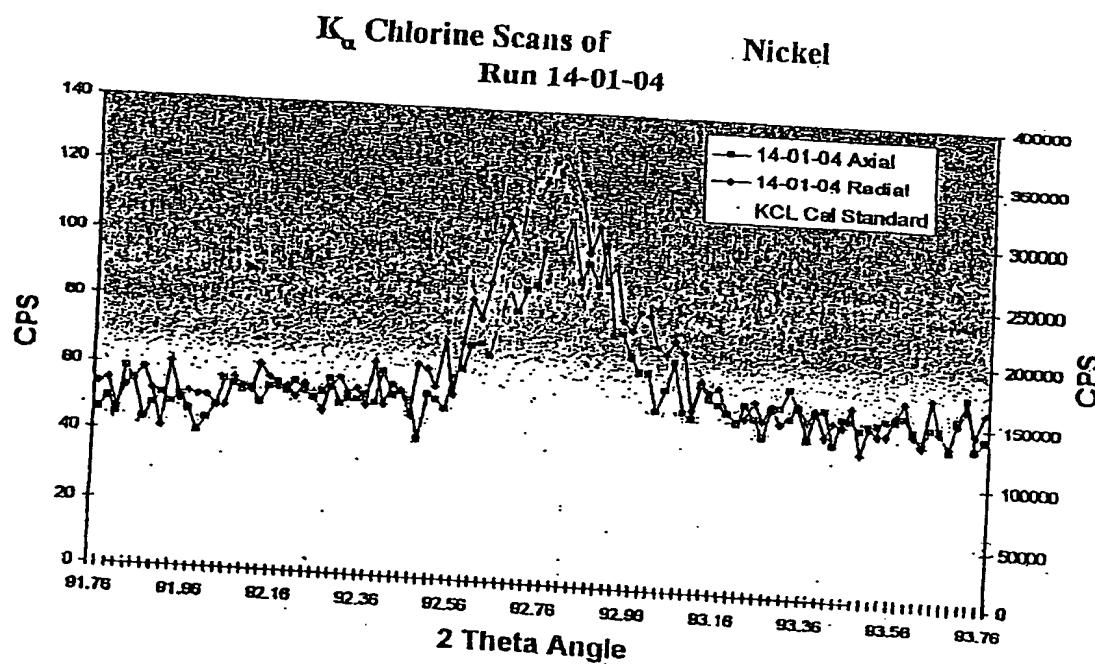
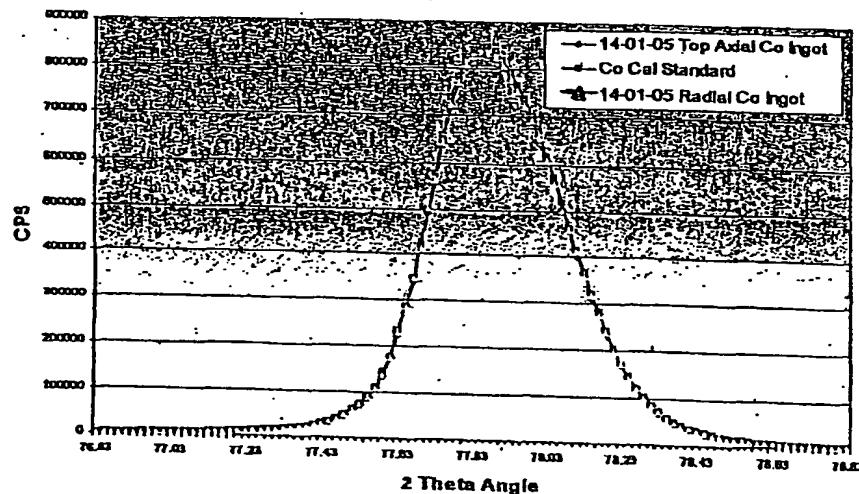


FIG. 30

Cobalt Scans: Cobalt Analysis



K_{α} Cobalt Scans
Run 14-01-05

FIG. 31A

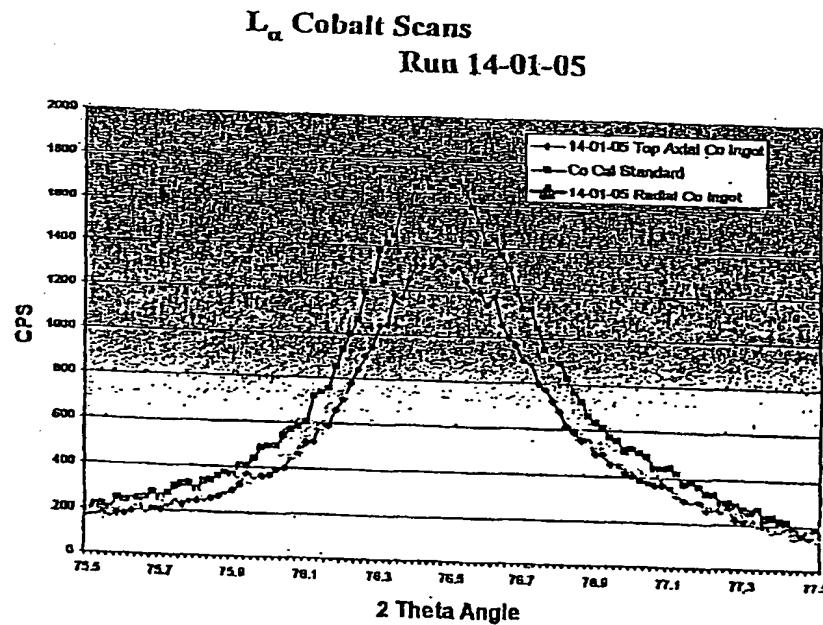


FIG. 31B

Cobalt Scans: Al and Fe

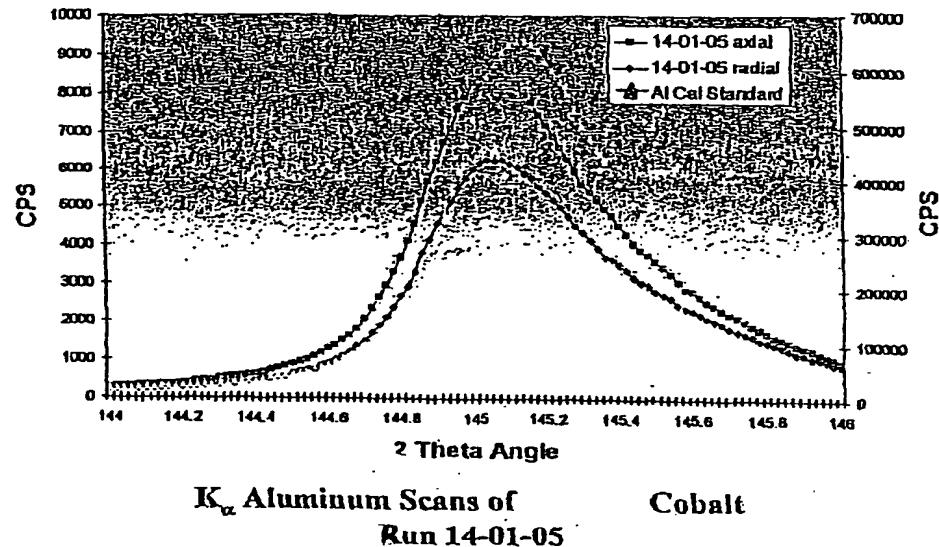


FIG. 32A

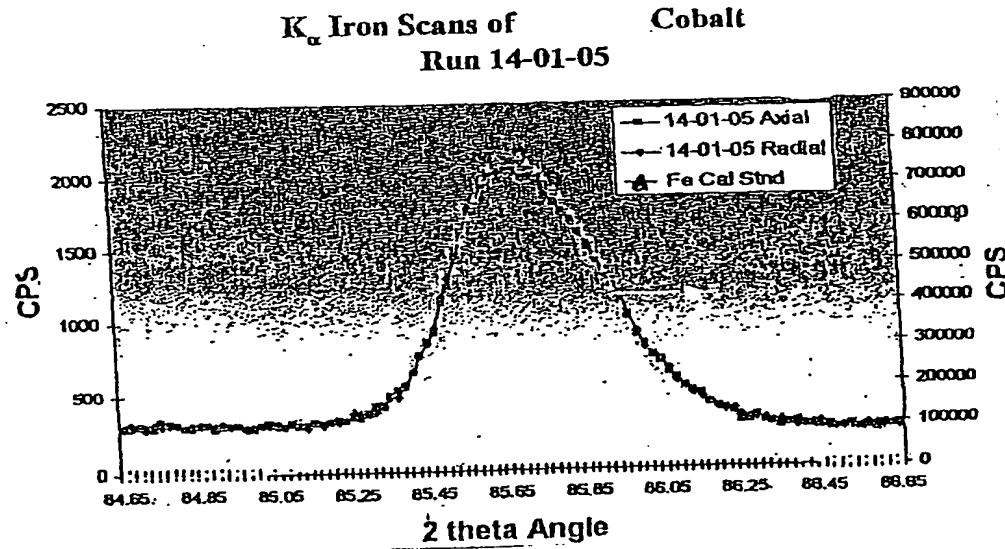
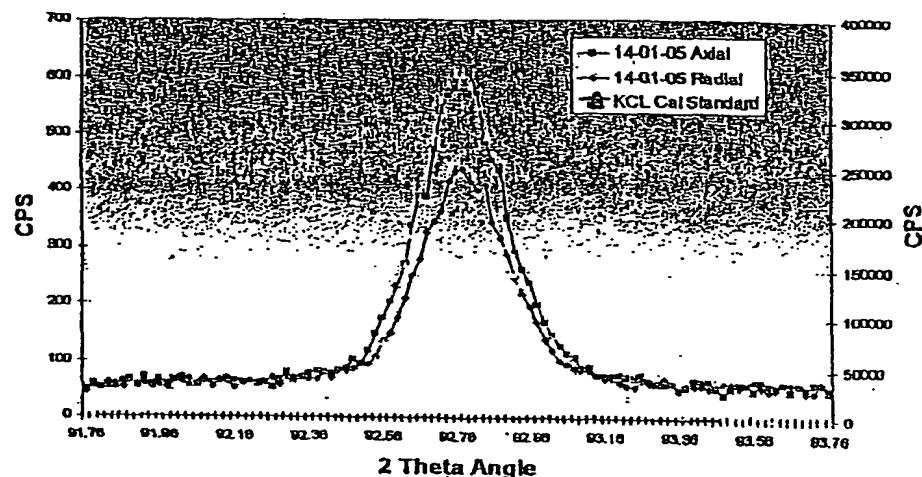


FIG. 32B

Cobalt Scans: Cl and Zr



K_α Chlorine Scans of Cobalt
Run 14-01-05.

FIG. 33A

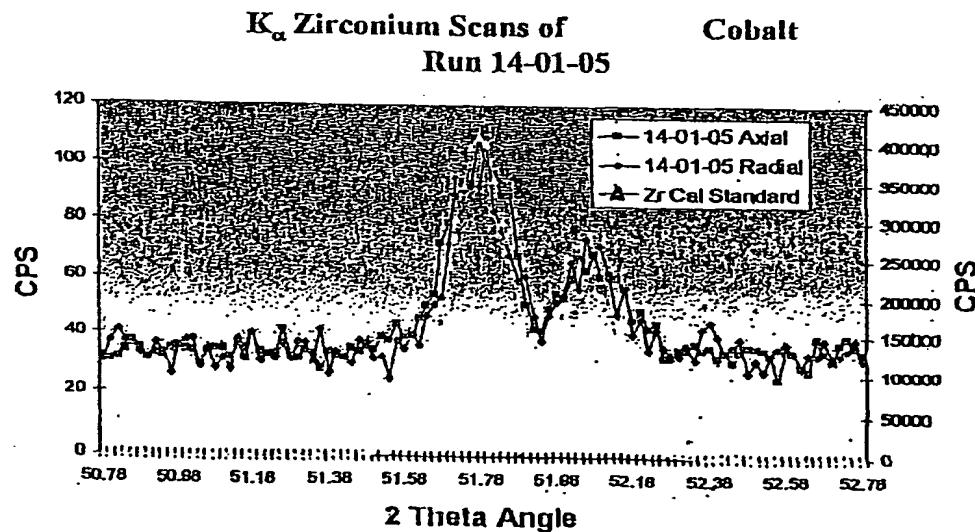


FIG. 33B

Cobalt Scans: Mn

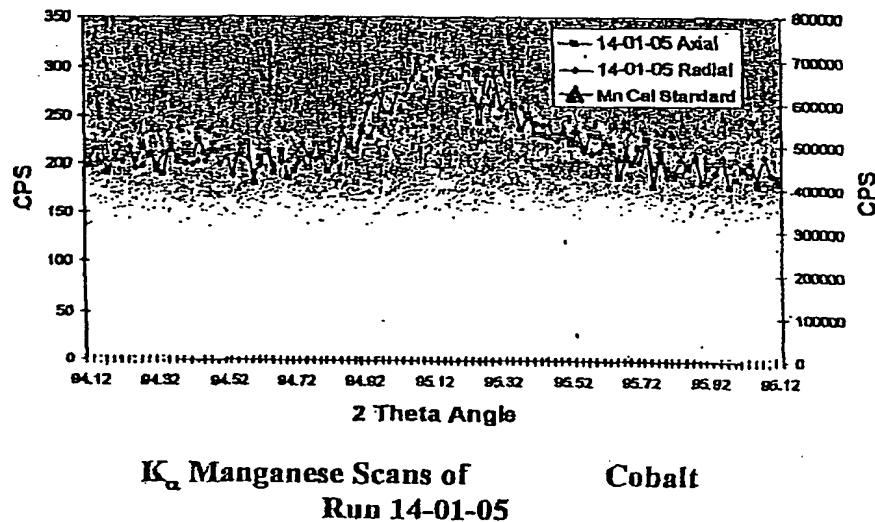


FIG. 34

14-01-06 Cu - Axial and Radial Samples vs Cu Cal Standard (LiF200/FPC)

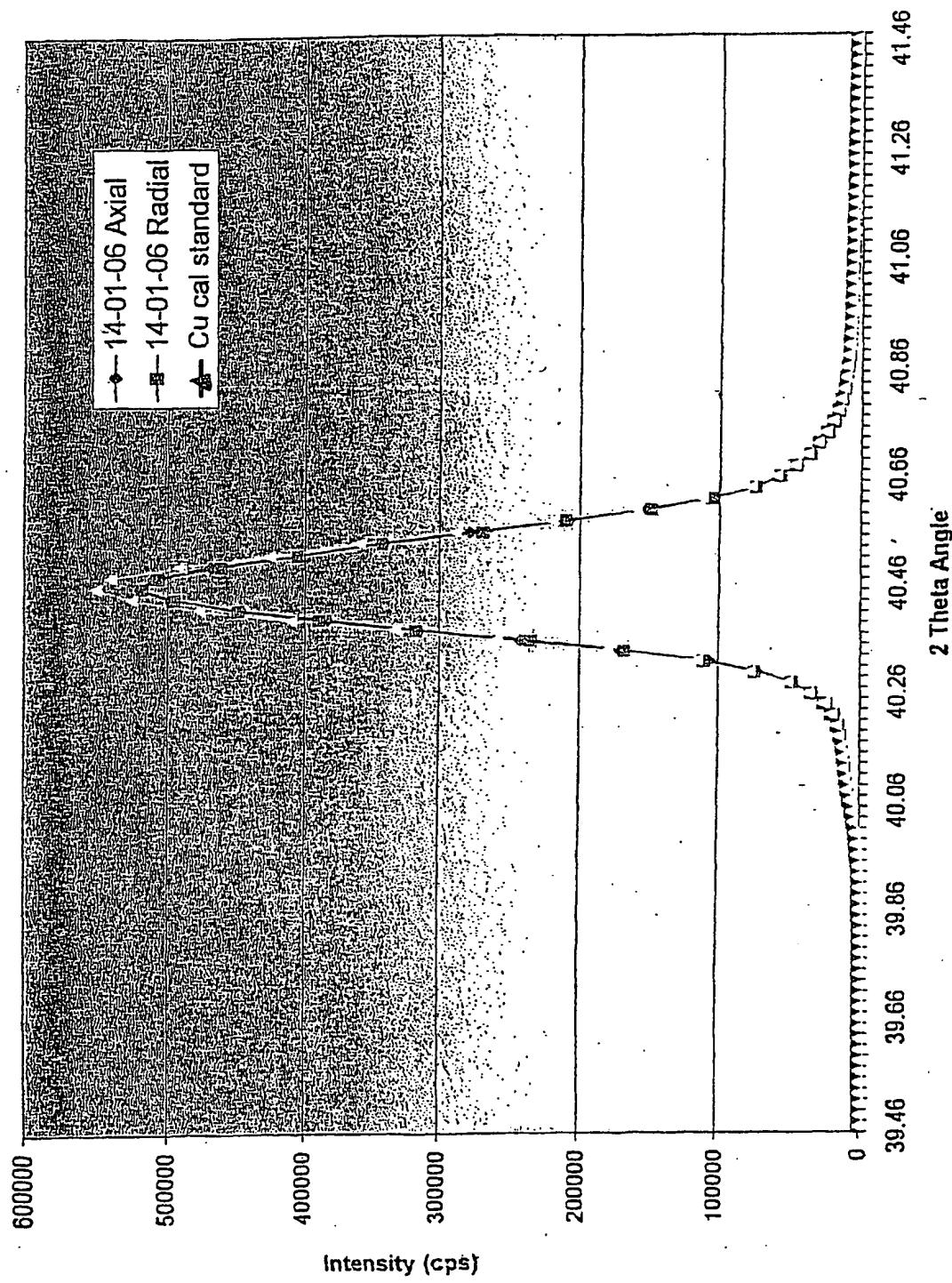


FIG. 35

14-01-06 Au-Axial and Radial Samples vs Au Cal Standard (LiF420/SC)

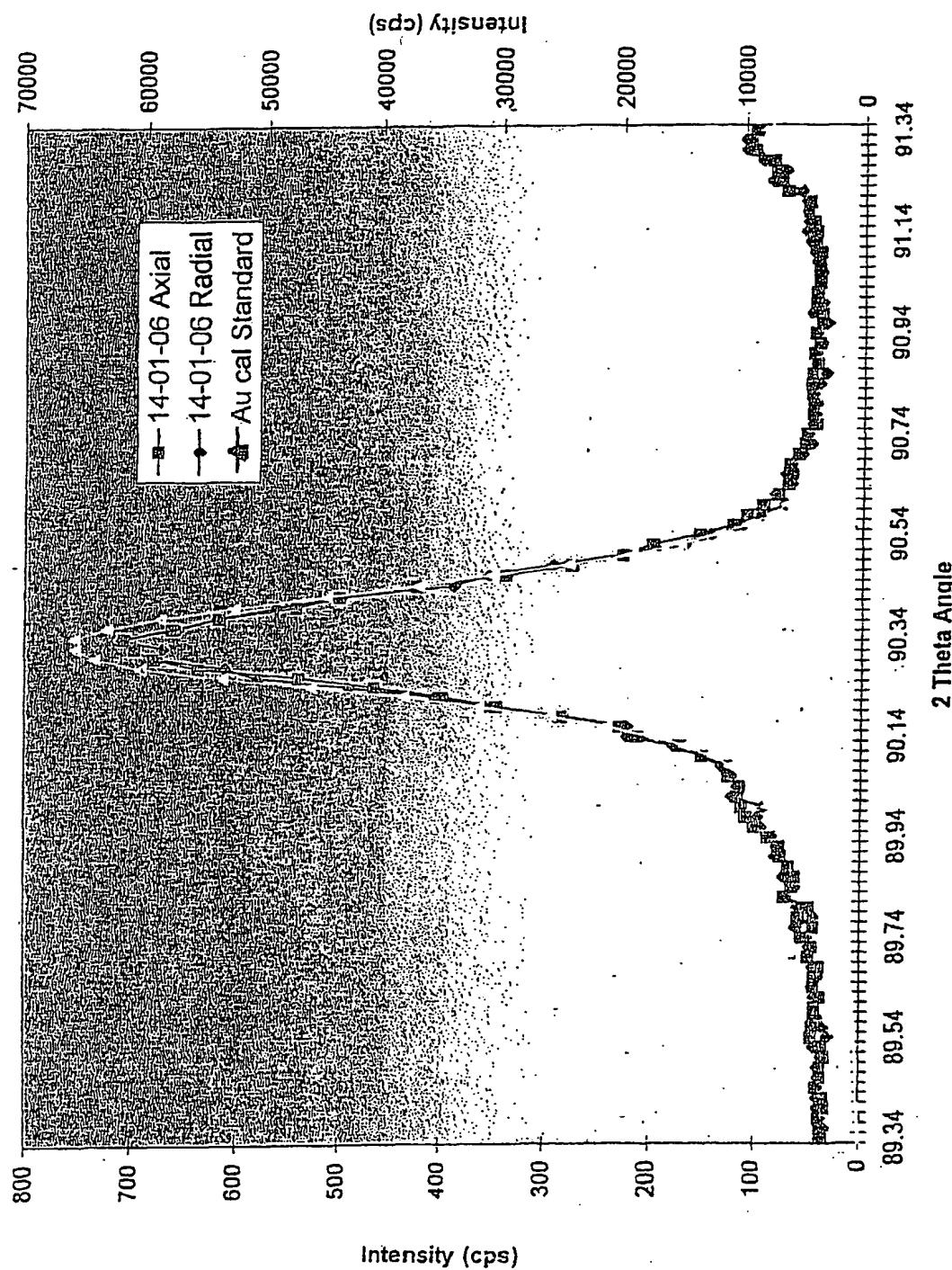


FIG. 36

14-01-06 Ag: Axial and Radial Samples vs Ag Cal Standard (LiF220/SC)

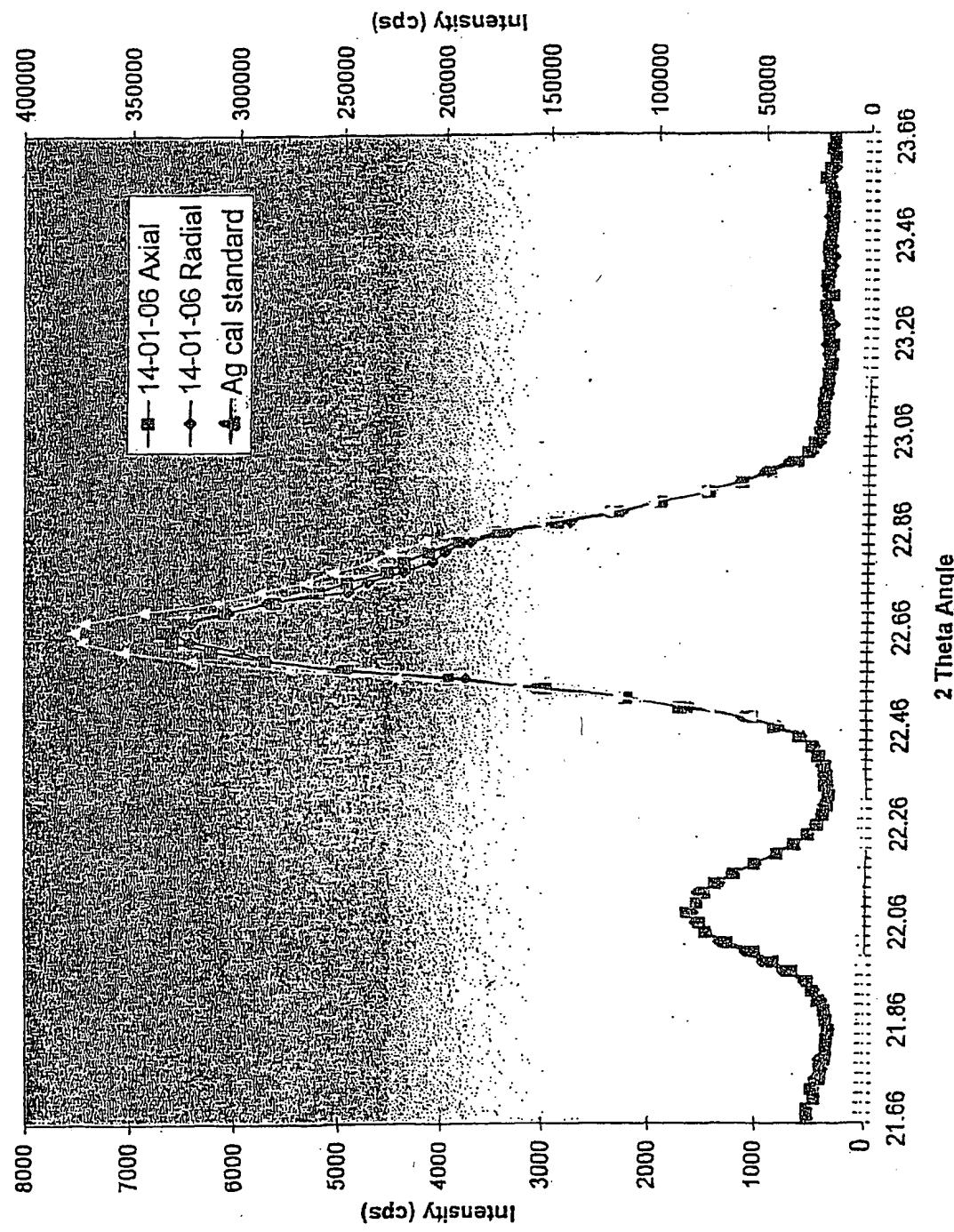


FIG. 37

14-01-07 Sn-Axial and Radial vs Sn Cal Standard

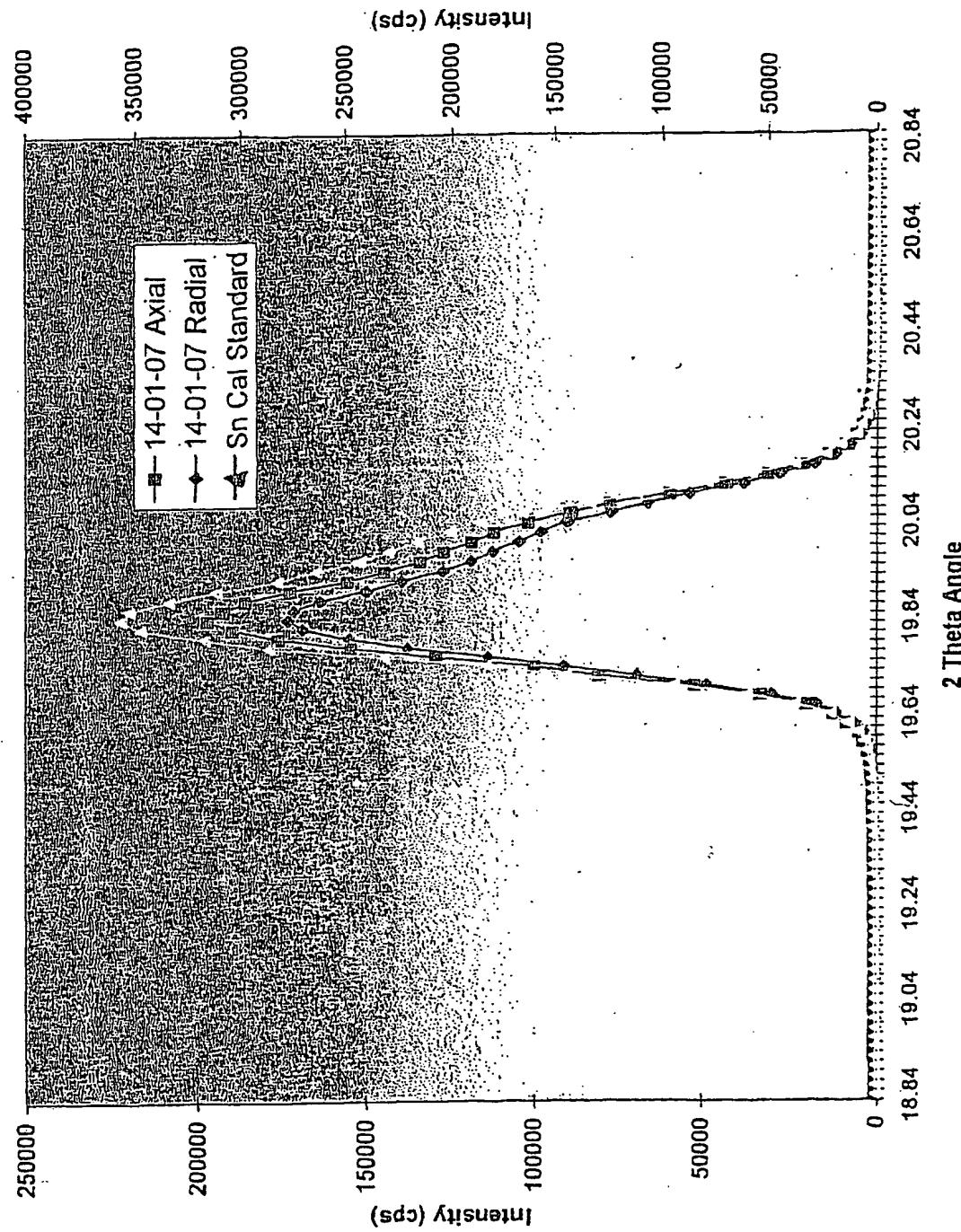


FIG. 38

14-01-07 Zn— Axial and Radial vs Zn Cal Standard (LiF220/FPC)

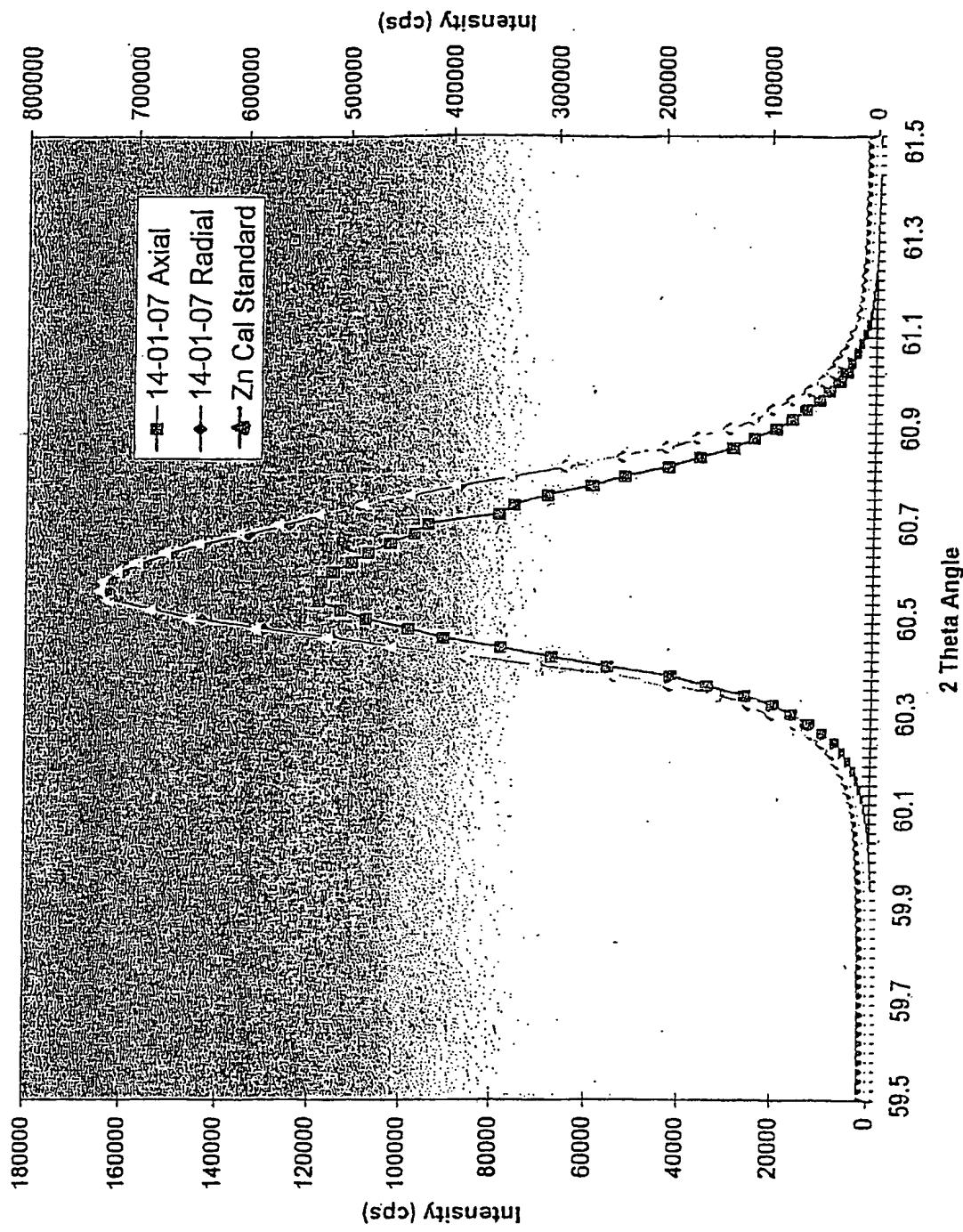


FIG. 39

14-01-07 Pb- Axial and Radial vs Pb Cal Standard

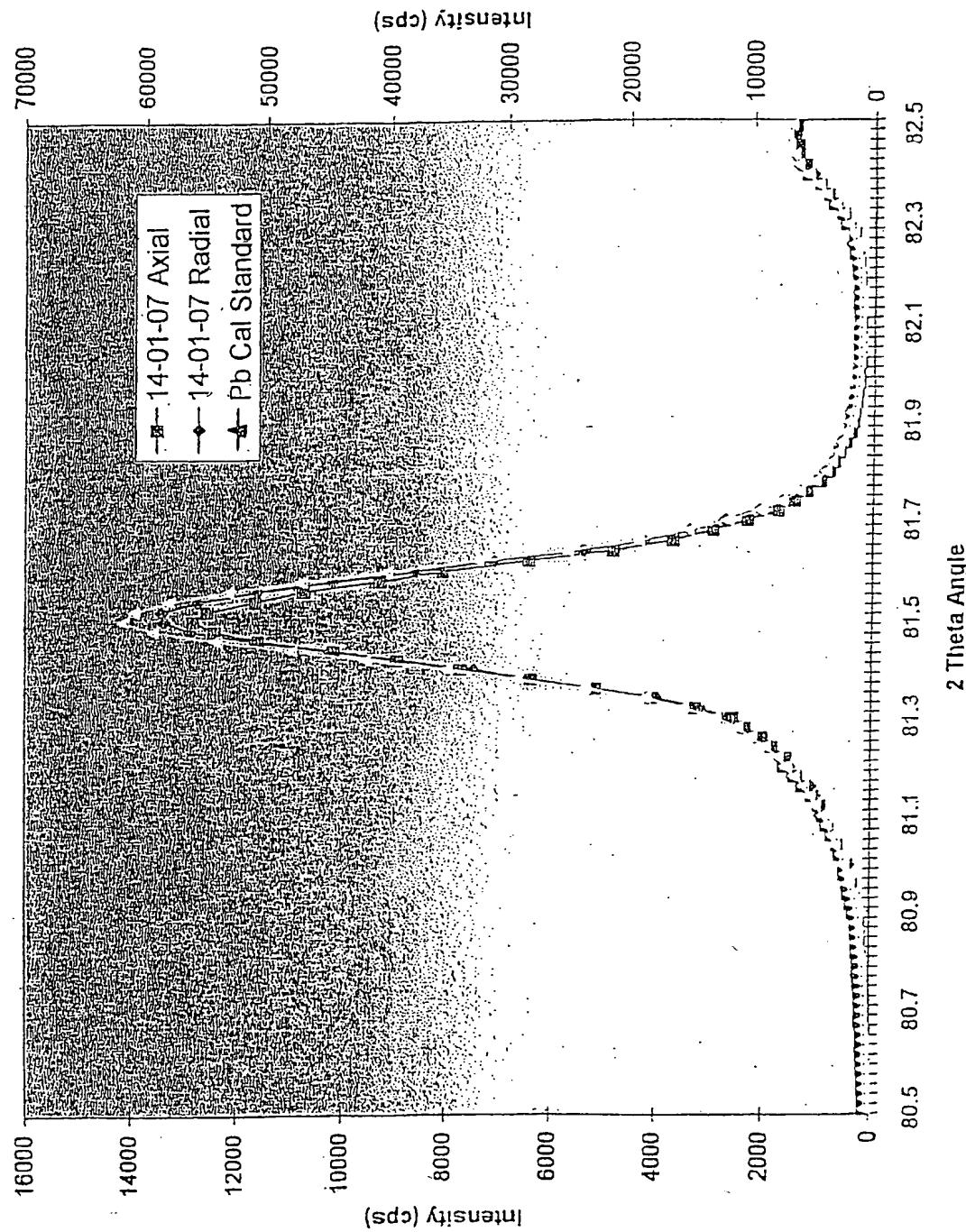


FIG. 40

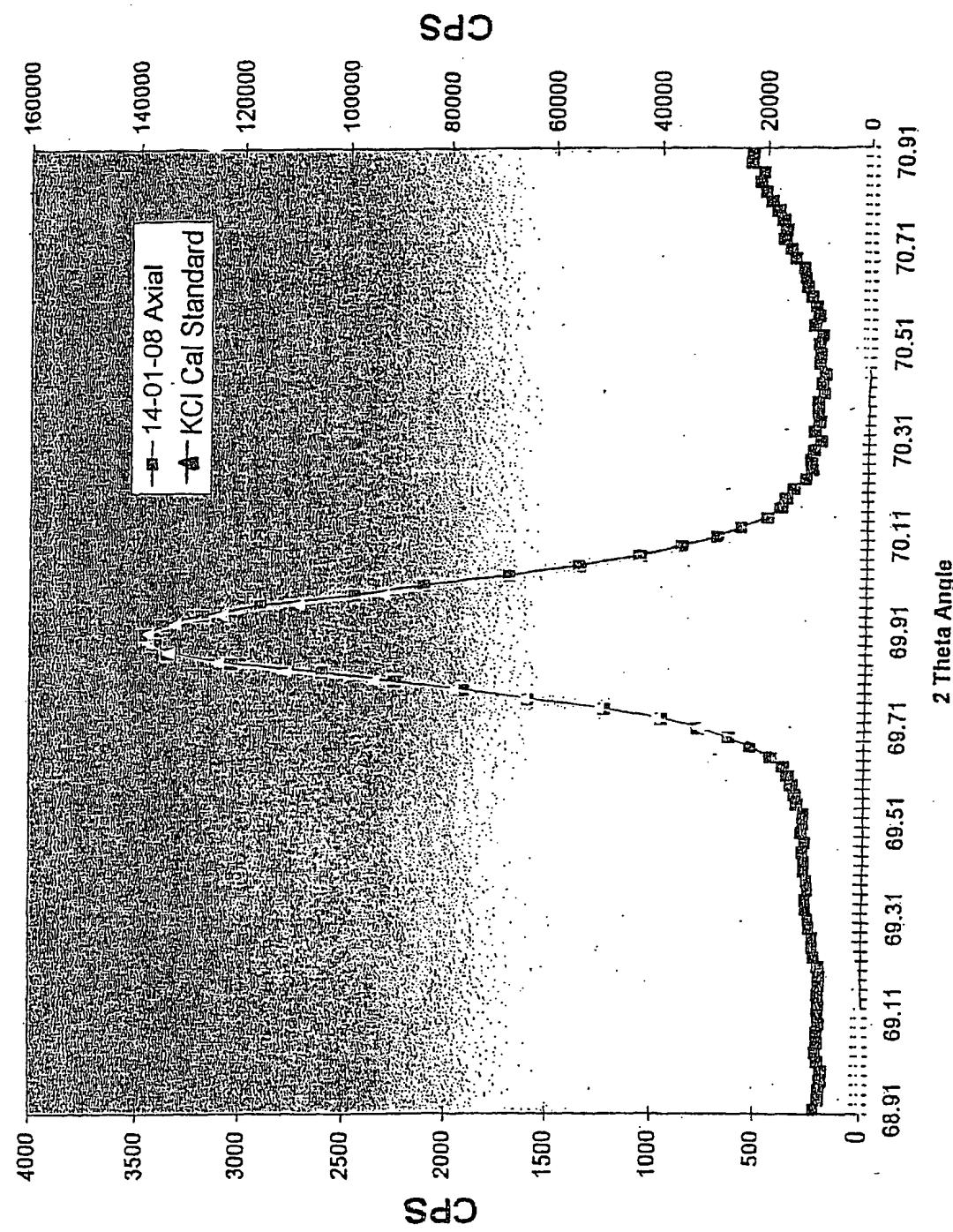
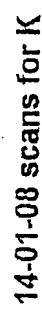


FIG. 41

14-01-08 Sn- Axial and Radial vs Sn Cal Standard

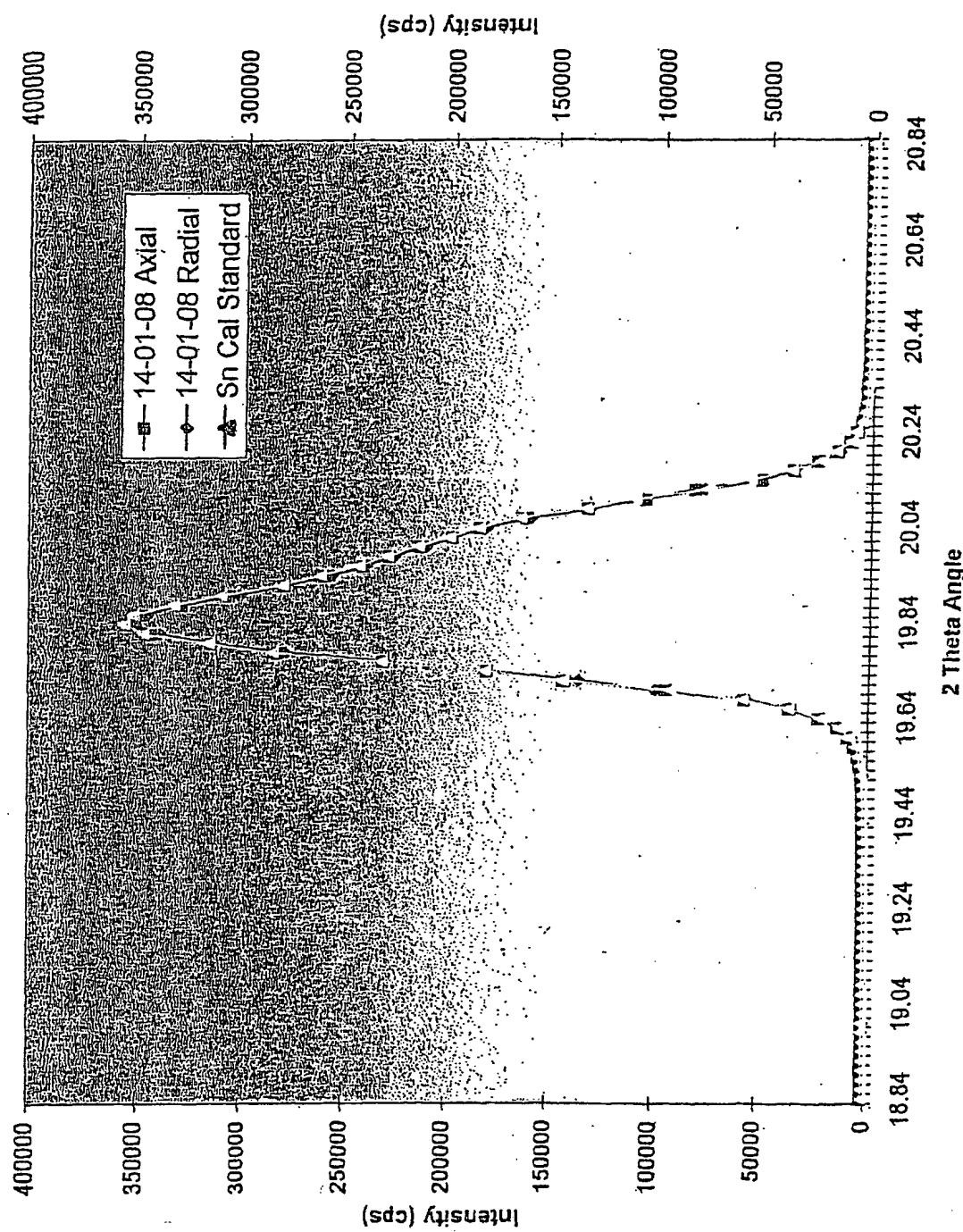


FIG. 42

14-01-08 Mg- Axial and Radial Samples vs MgO Cal Standard

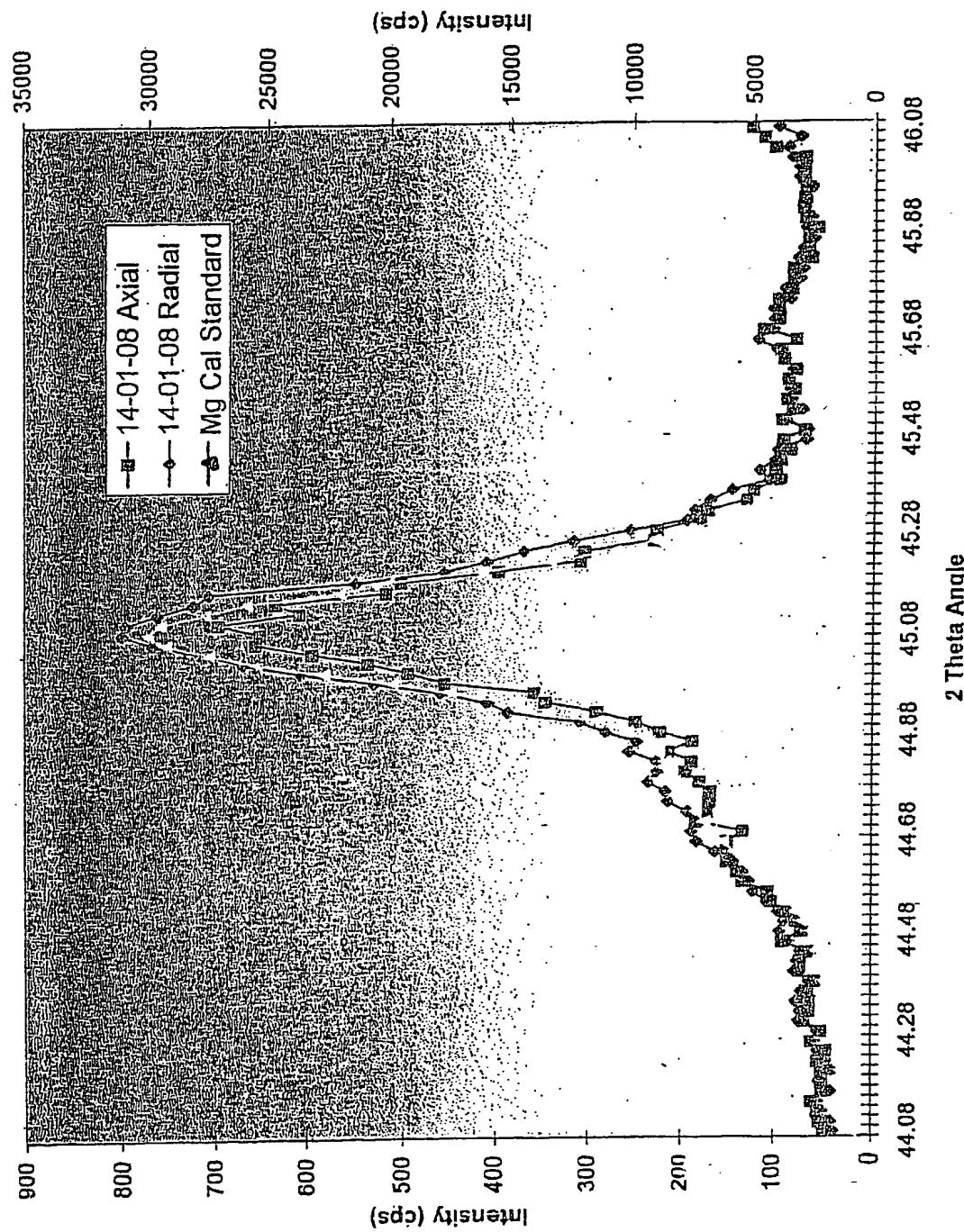


FIG. 43

14-01-08 Na-Axial and Radial Samples vs AlNa3F6 Cal Standard

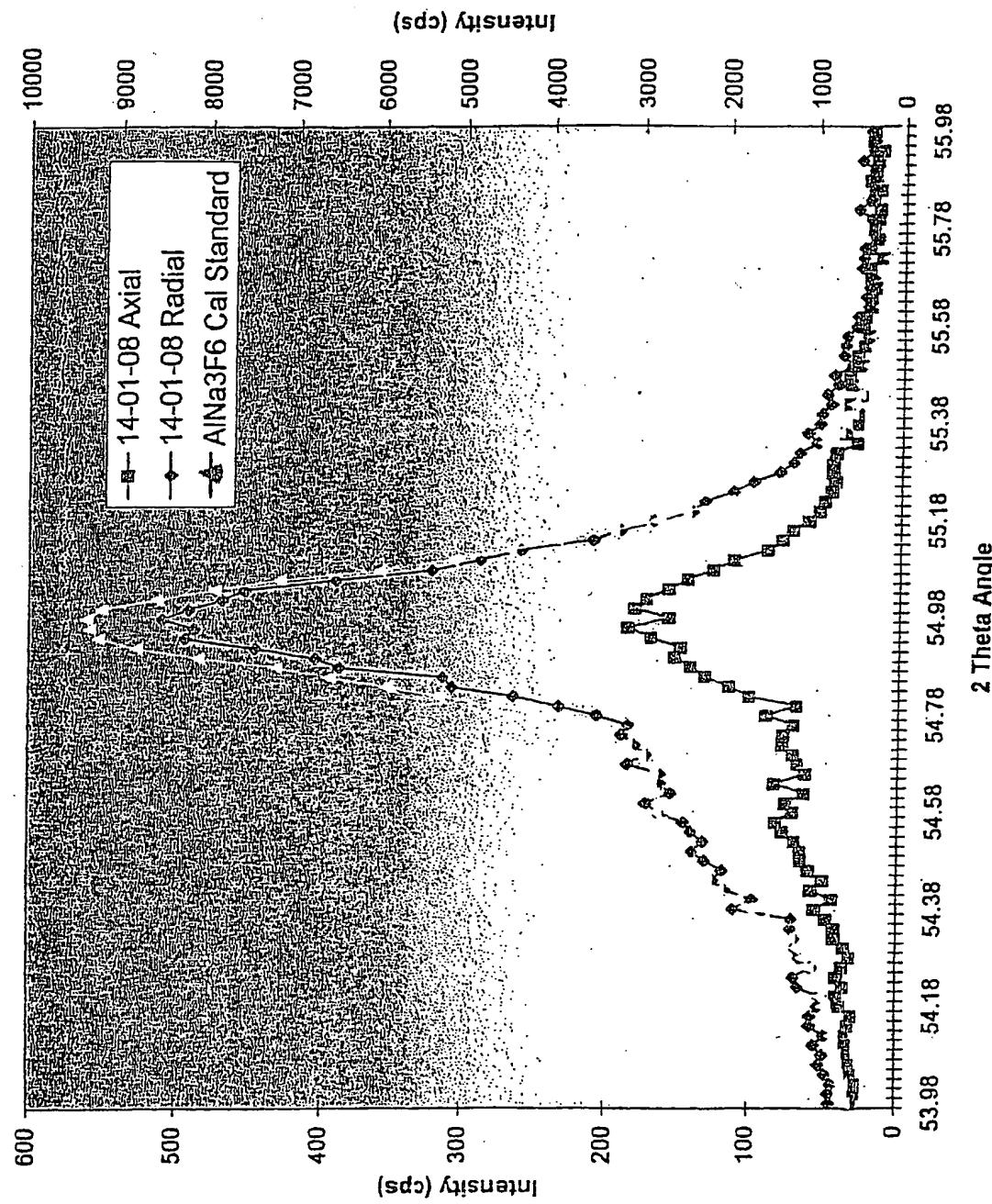
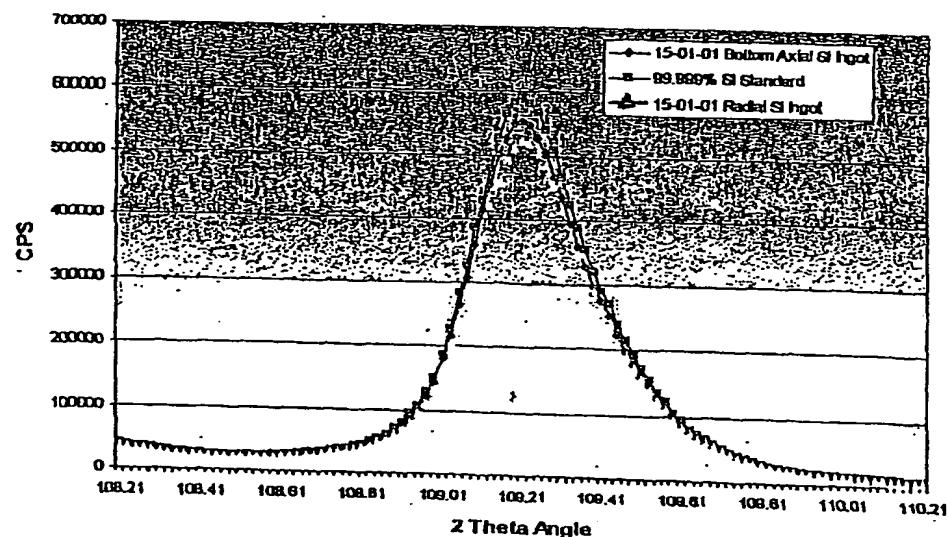


FIG. 44

Silicon Scans: Silicon Analysis



K_α Silicon Scans
Run 15-01-01

FIG. 45A

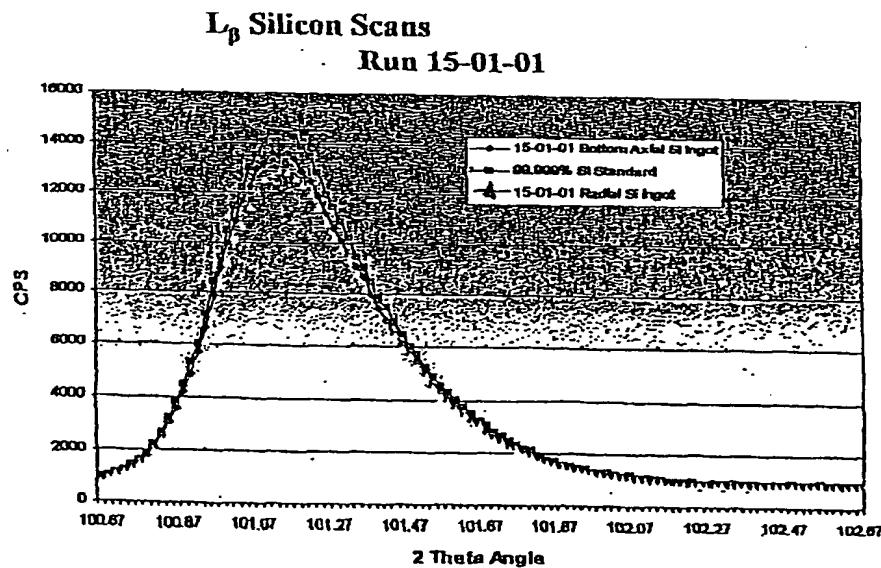


FIG. 45B

Silicon Scans: Al and Ti

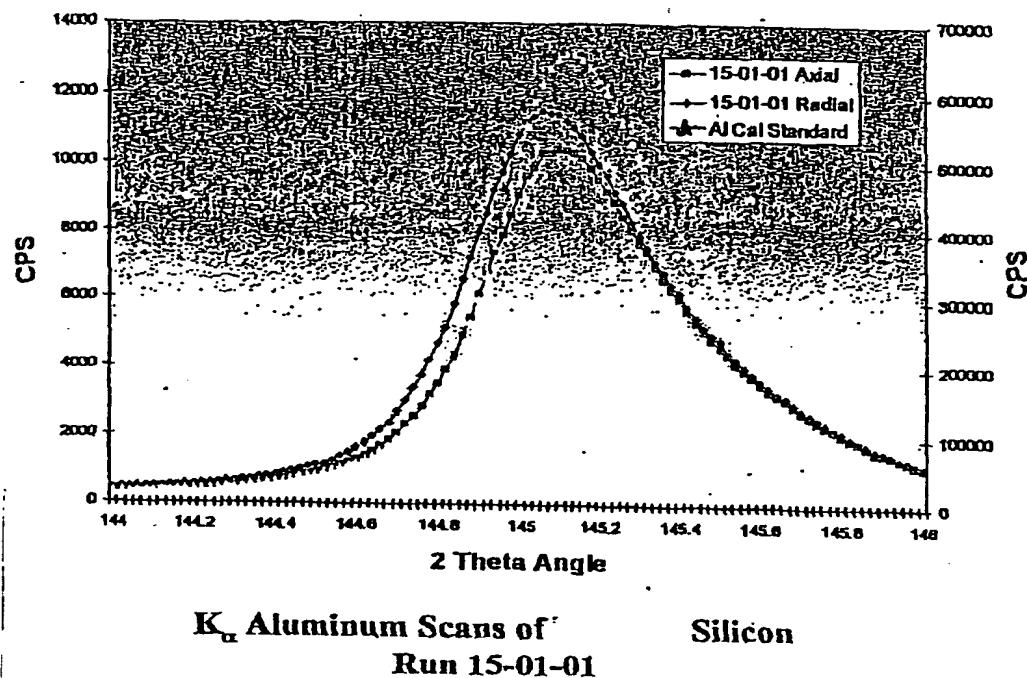


FIG. 46A

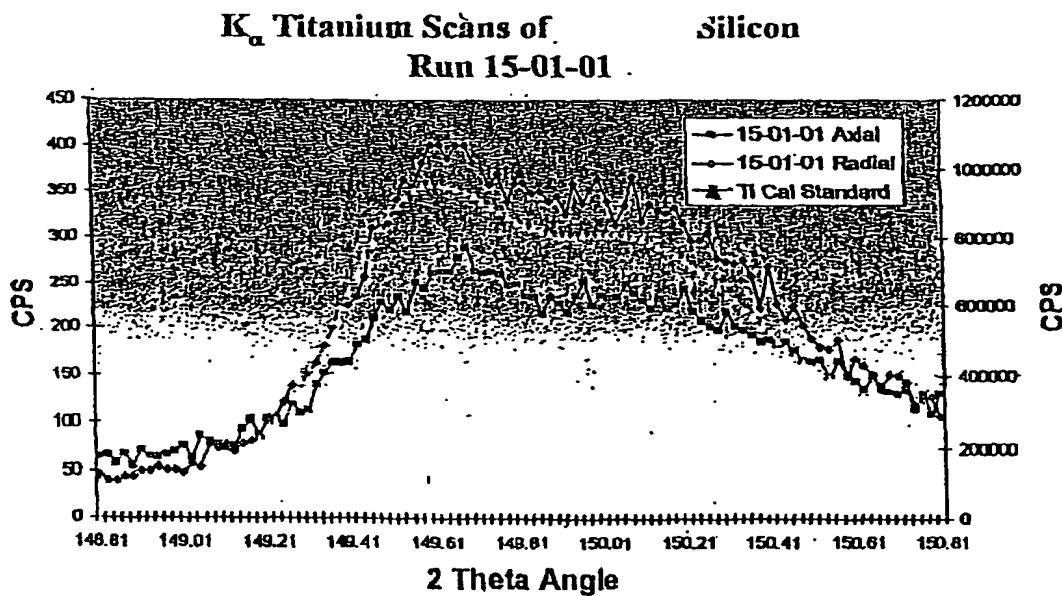


FIG. 46B

Silicon Scans: S and Cl

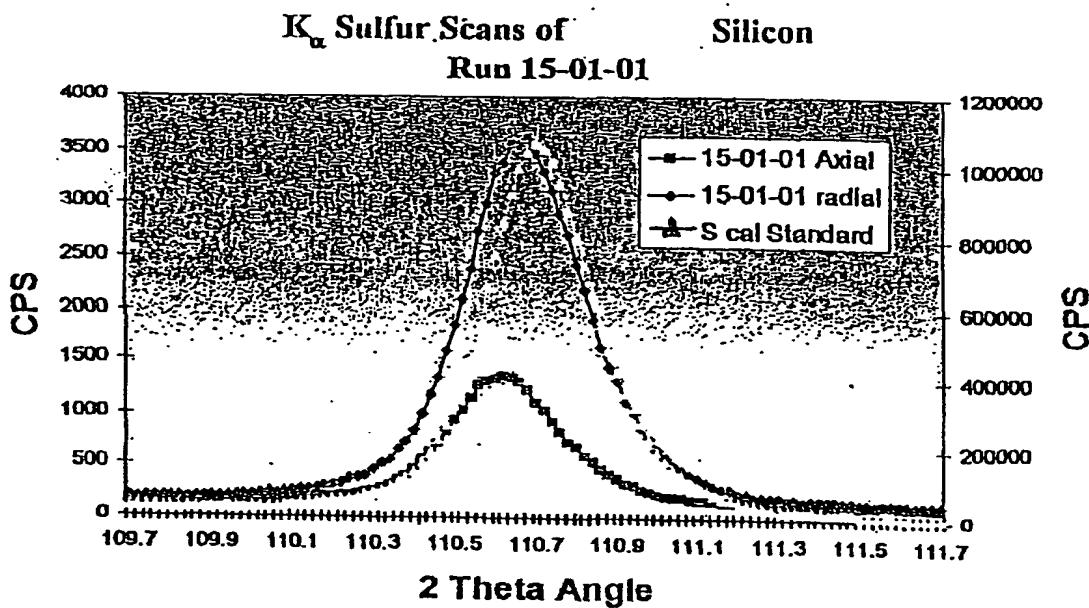


FIG. 47A

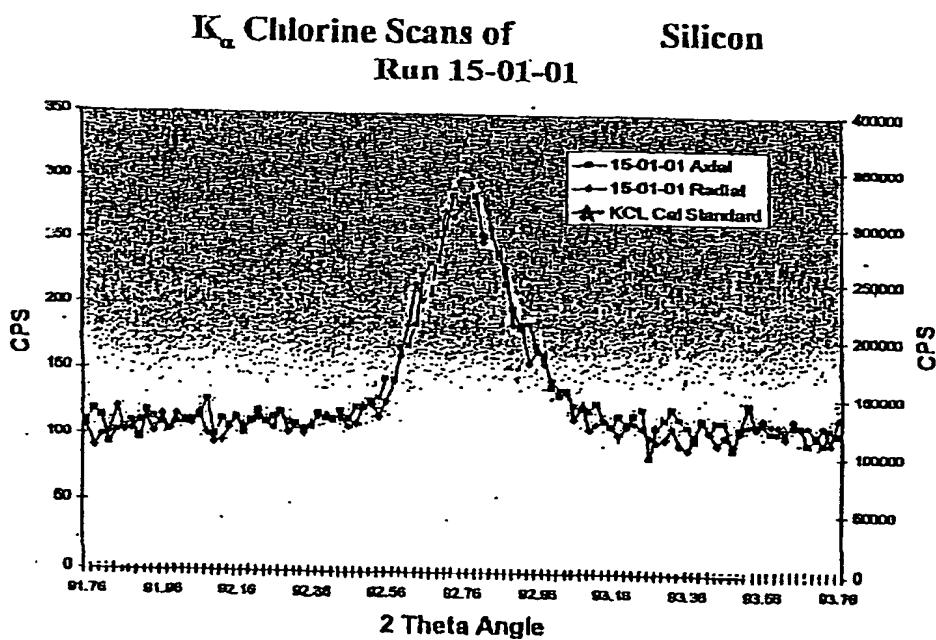


FIG. 47B

Silicon Scans: Ga and K

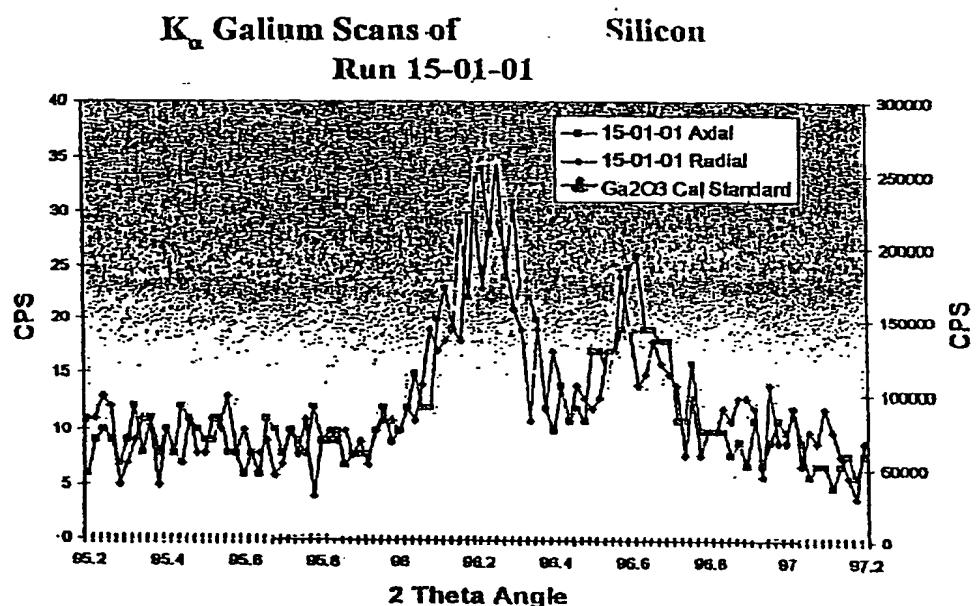


FIG. 48A

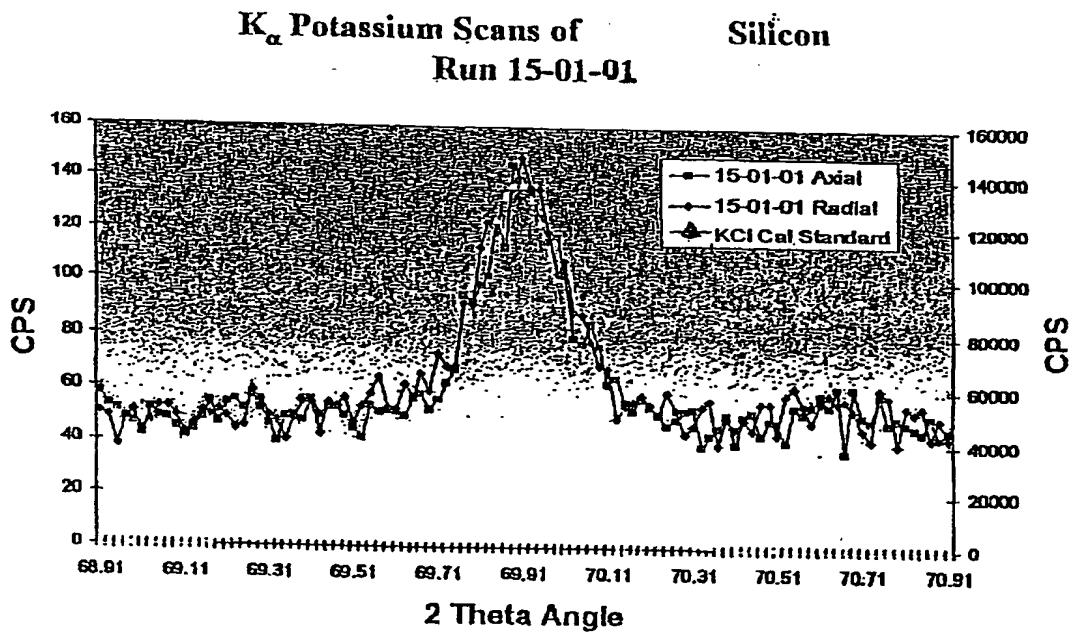
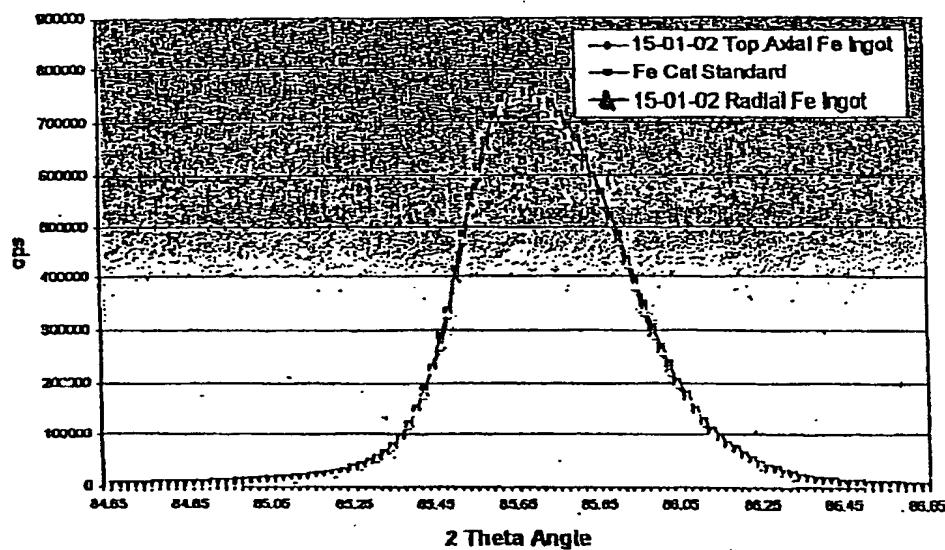


FIG. 48B

Iron Scans: Iron Analysis



K_α Iron Scans of Iron
Run 15-01-02

FIG. 49A

L_α Iron Scans of Iron
Run 15-01-02

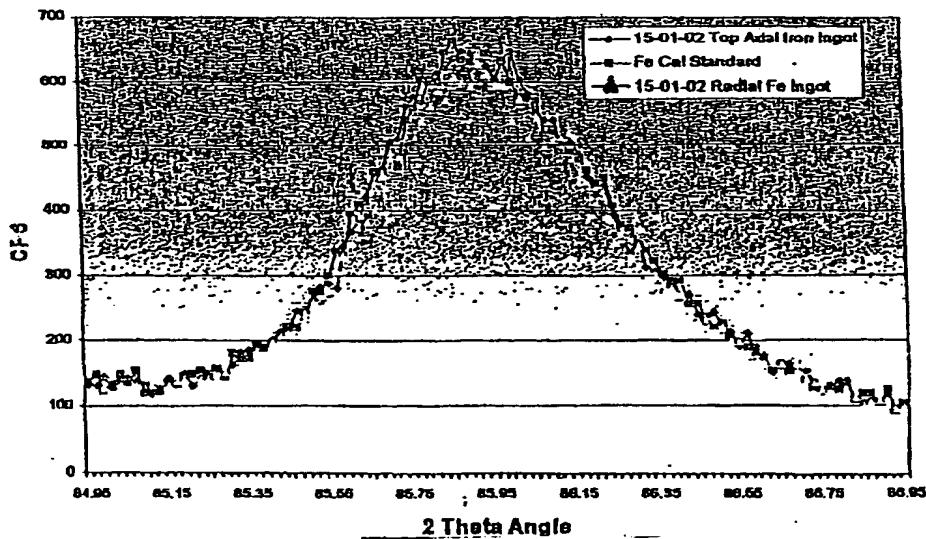


FIG. 49B

Iron Scans: Al and Zr

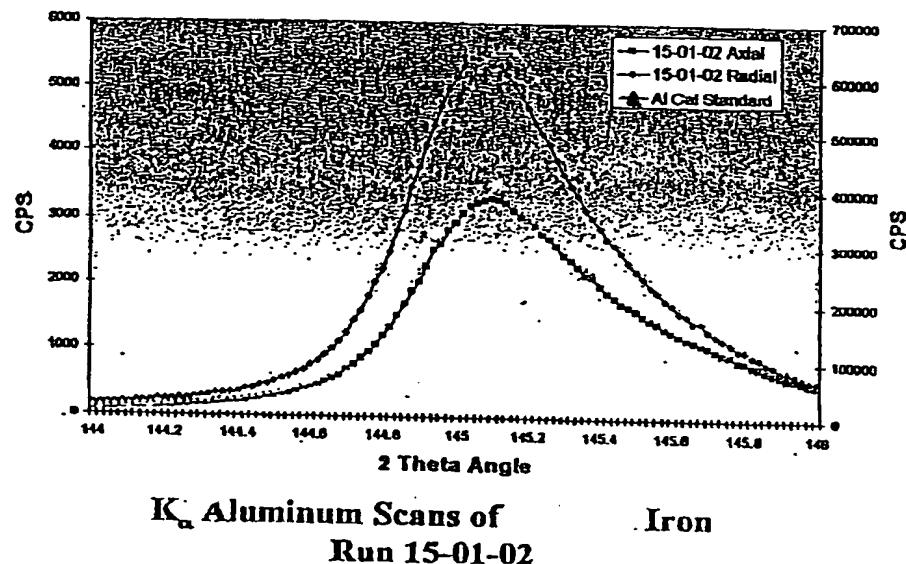


FIG. 50A

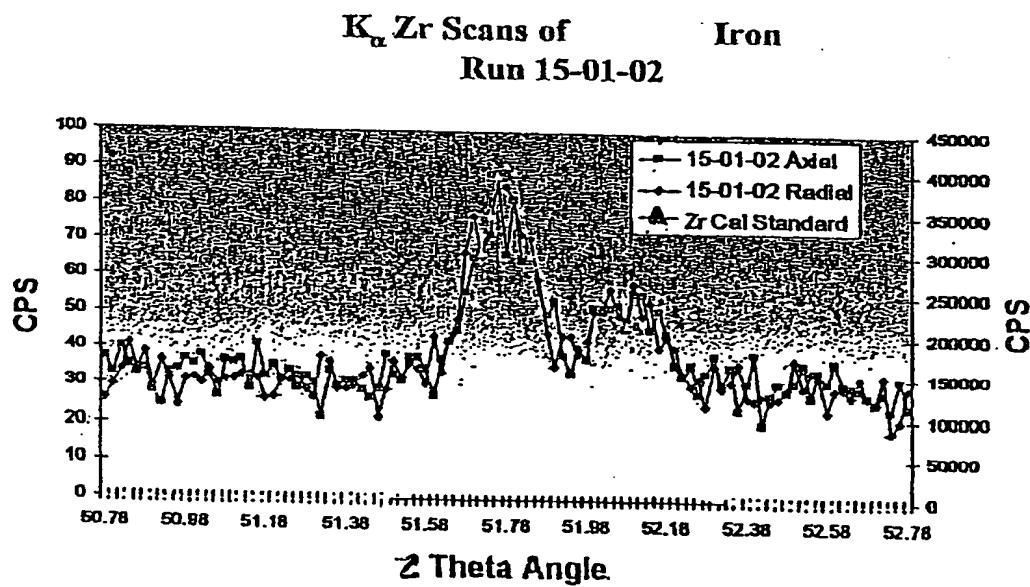


FIG. 50B

Iron Scans: S and Cl

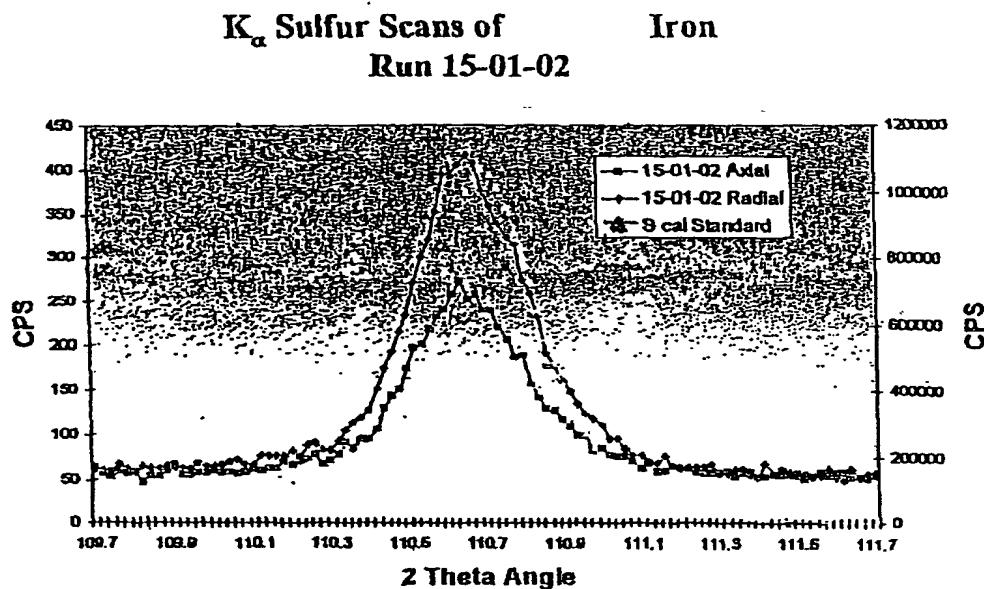


FIG. 51A

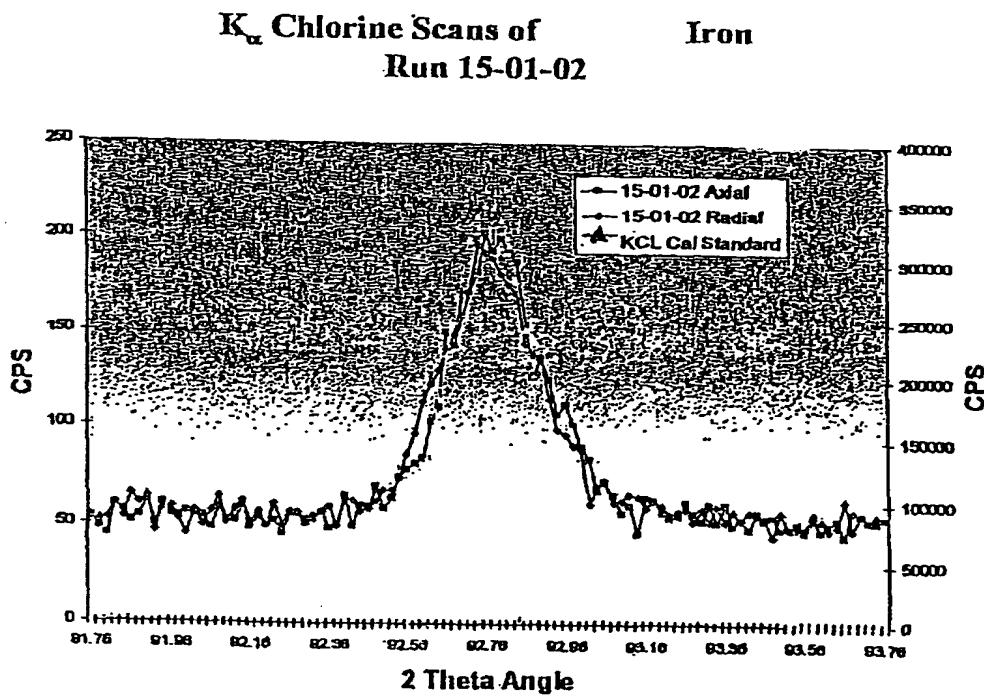


FIG. 51B

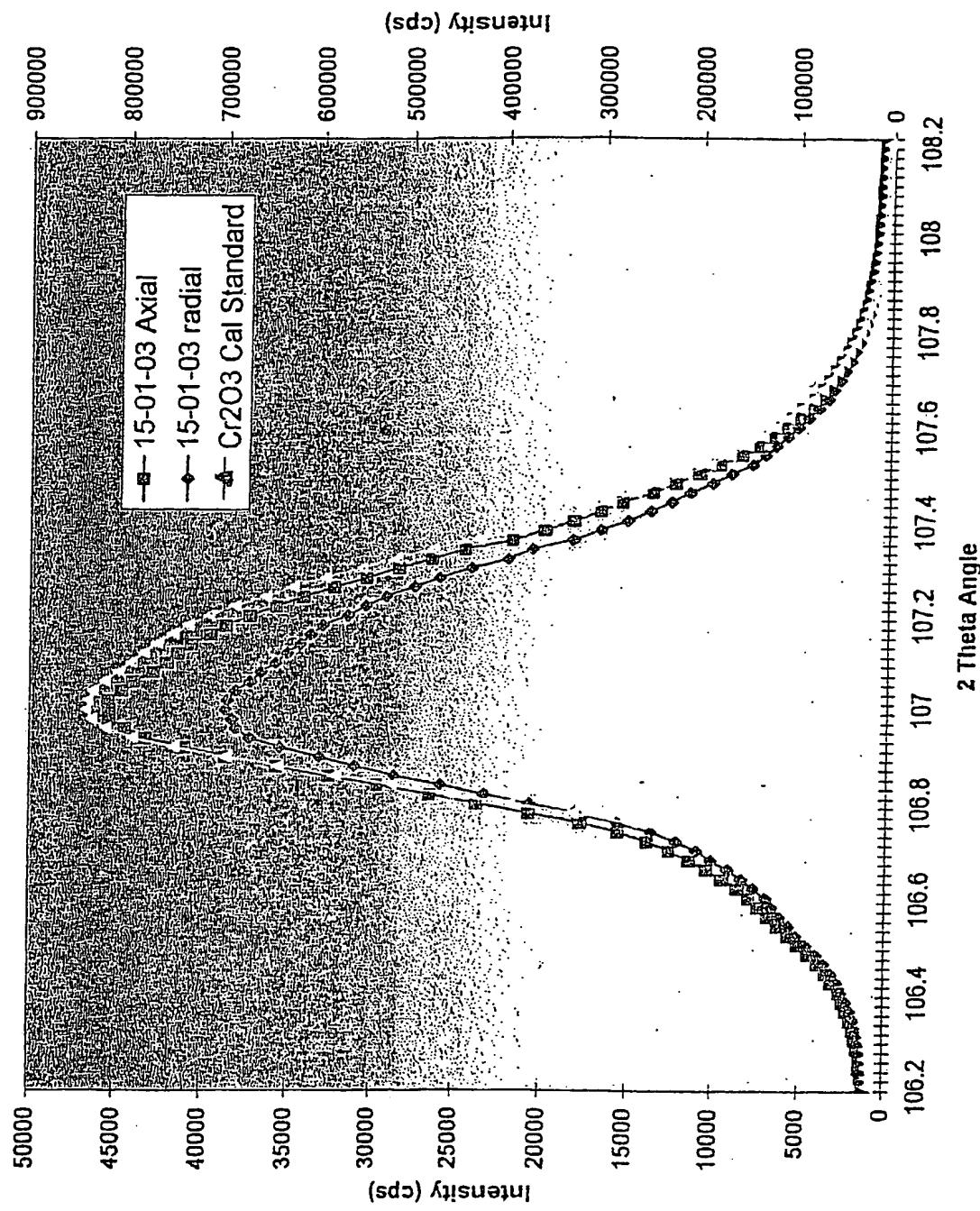
15-01-03 Cr- Axial and Radial Samples vs Cr₂O₃ Cal Standard (LiF220/FPC)

FIG. 52

15-01-03 Fe- Axial and Radial vs Fe Cal Standard (LiF220/FPC)

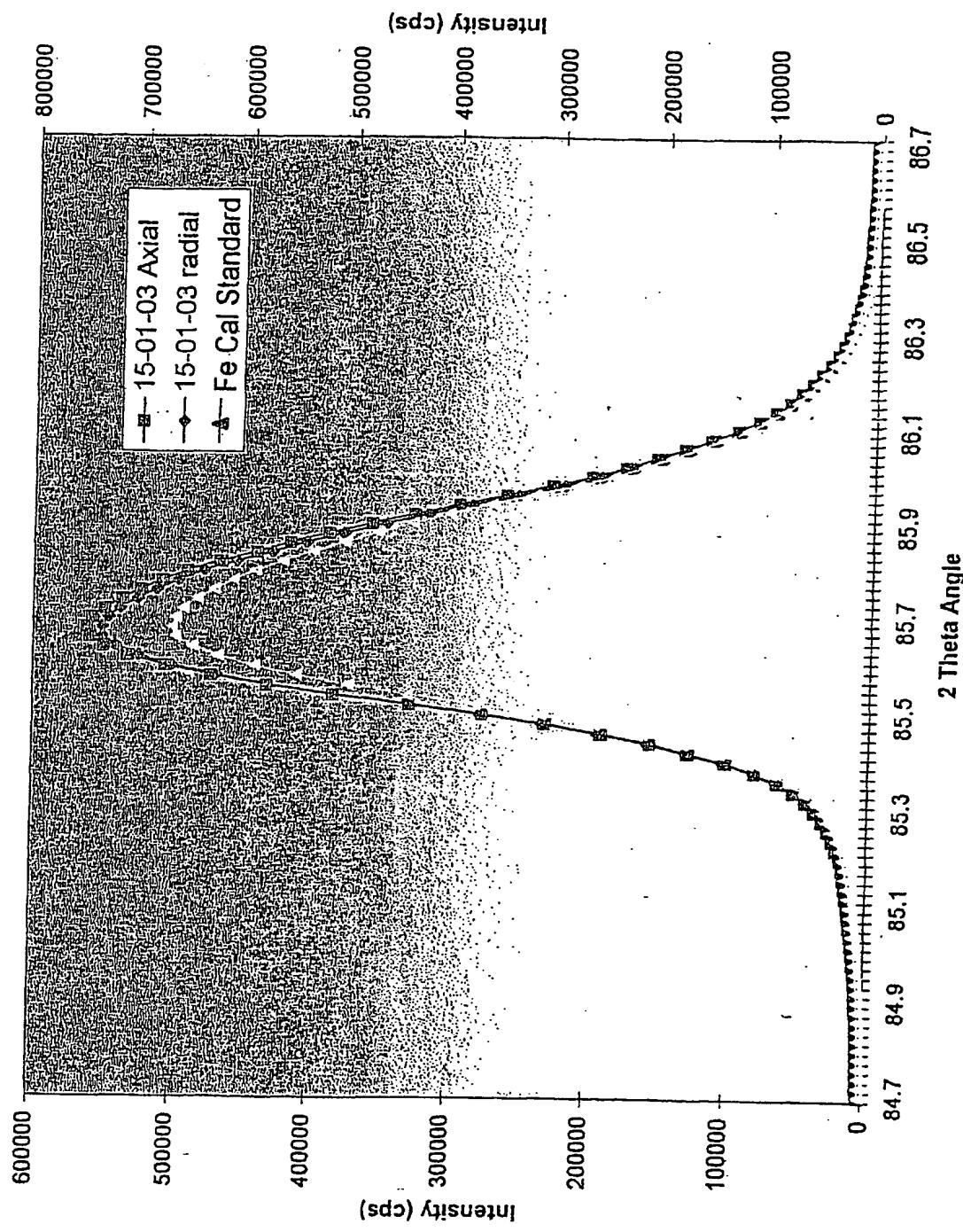


FIG. 53

15-01-03 V- axial and radial samples vs V cal standard (LiF220/FPC)

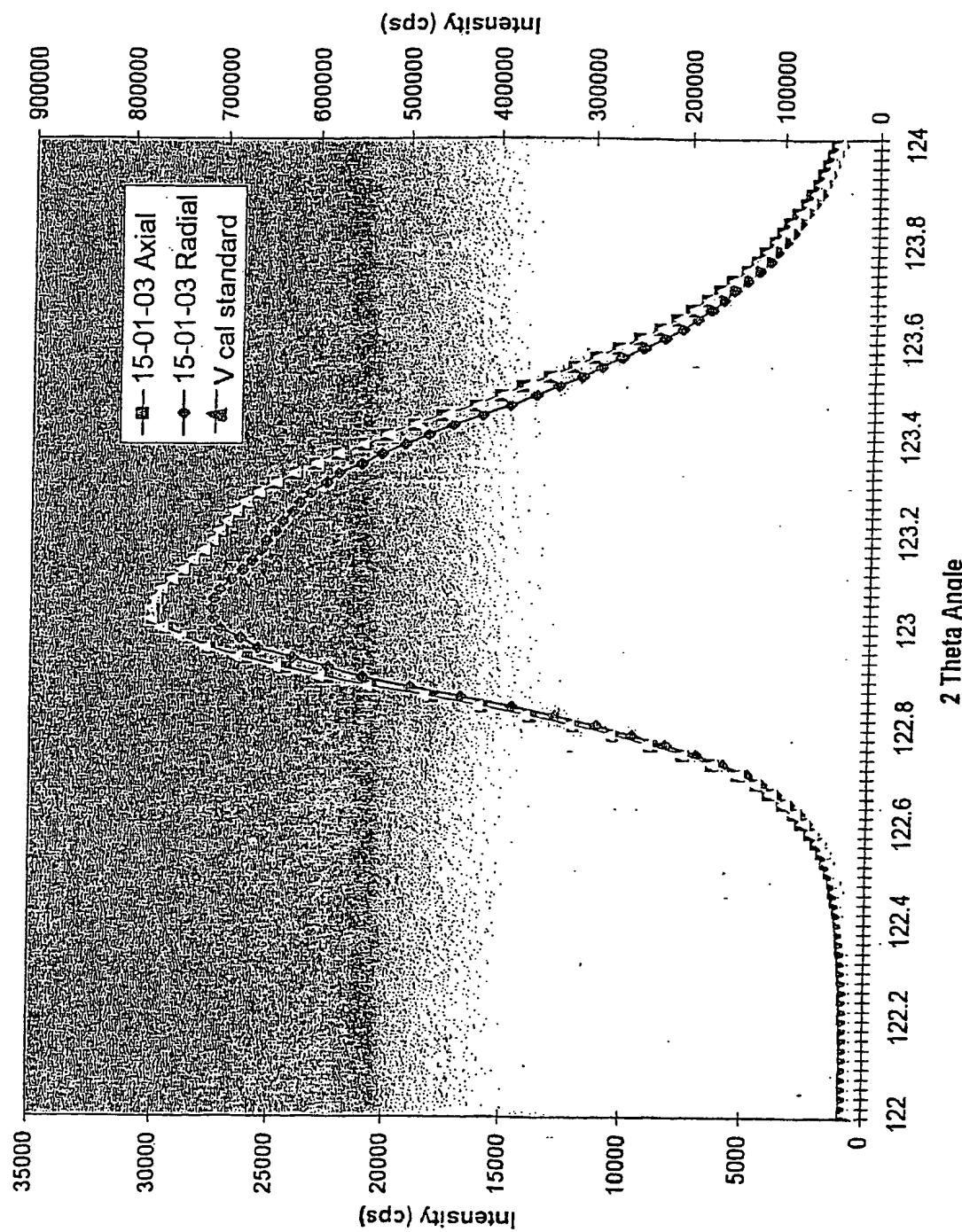


FIG. 54

15-01-03 Mn-Axial and Radial Sample vs Mn Cal Standard (LiF220/FPC)

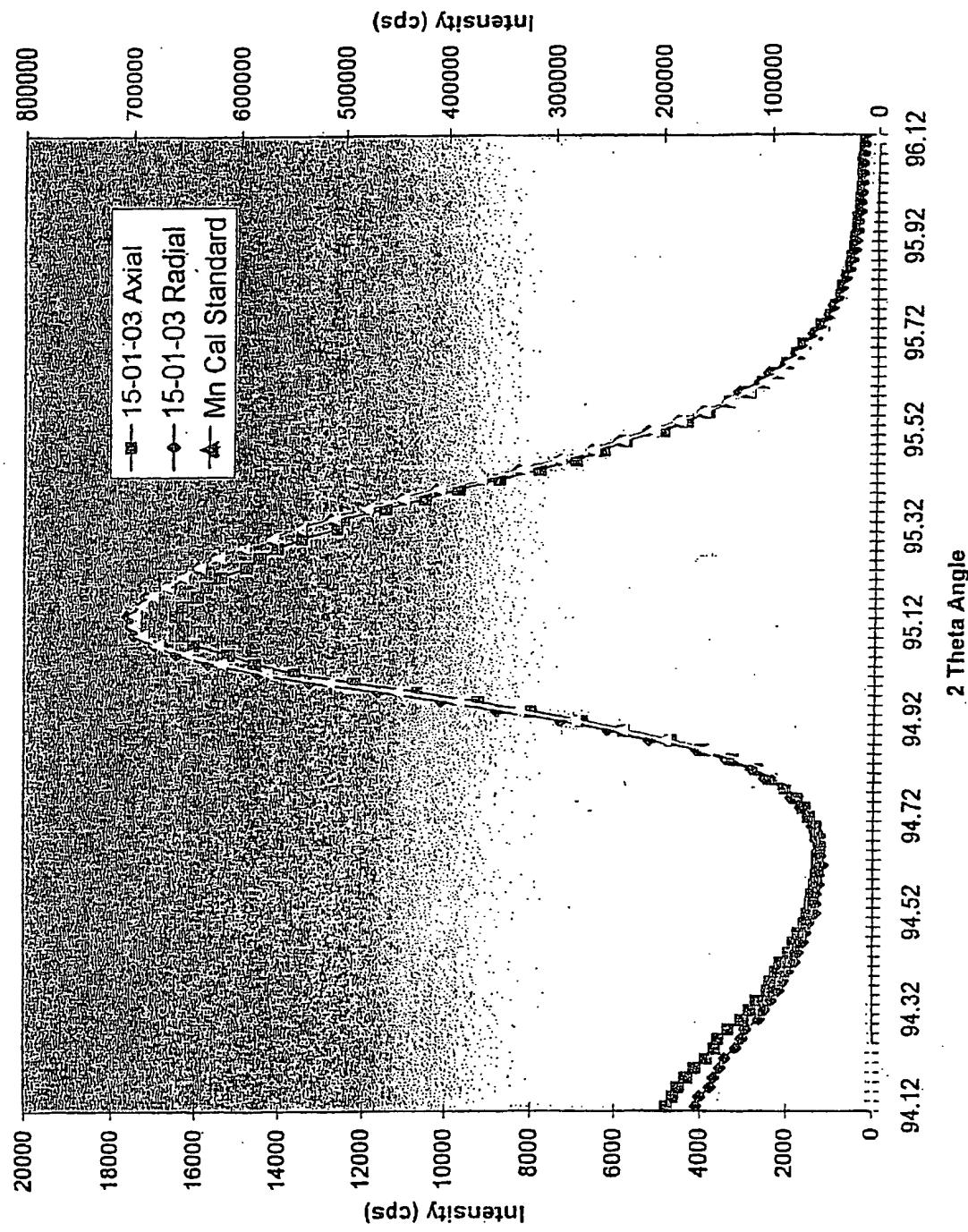


FIG. 55

15-01-03 Cube scans for Sulfur (6 Sides) Ge111/FPC

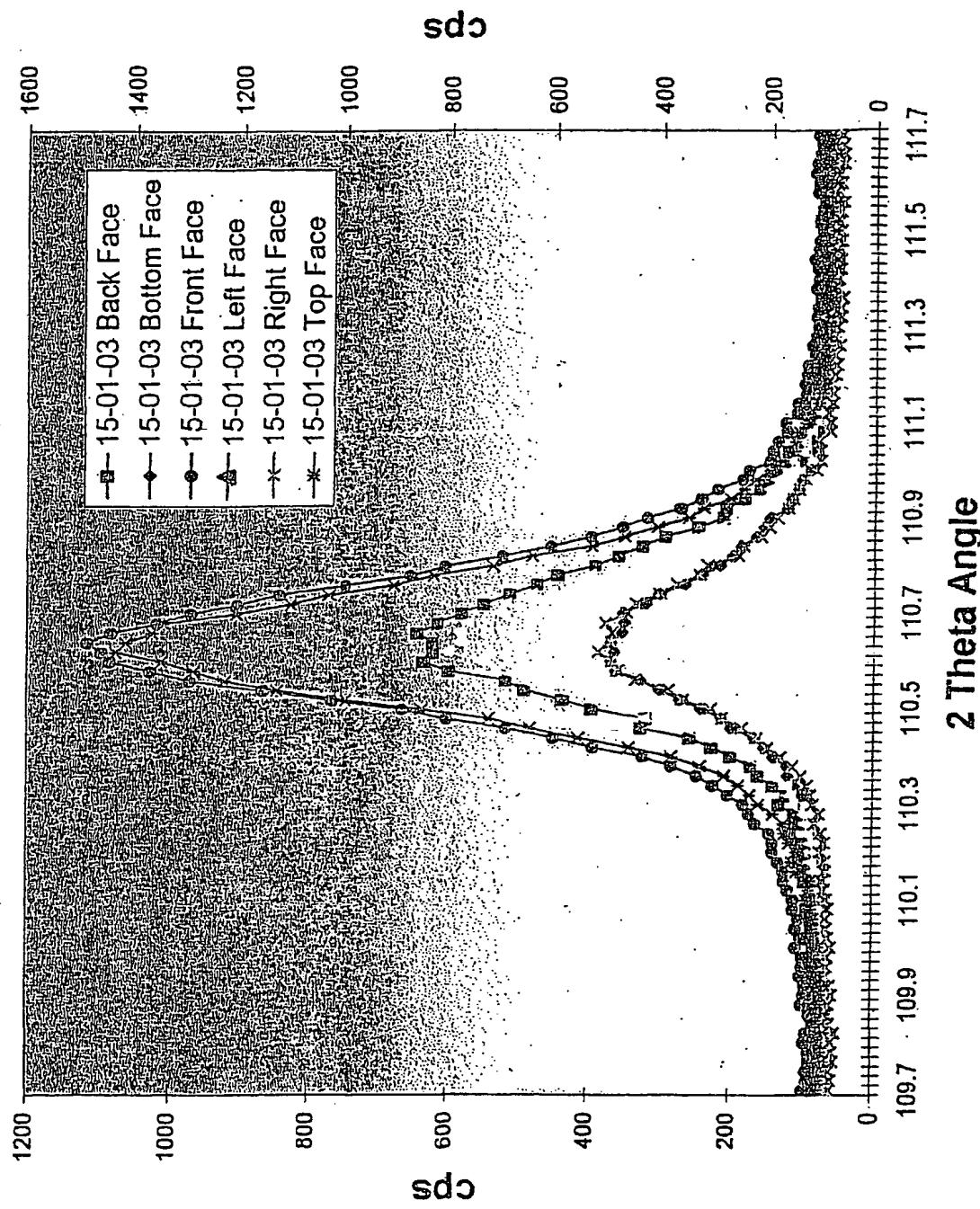


FIG. 56

15-01-04 Ta- Axial and Radial vs Ta Cal Standard

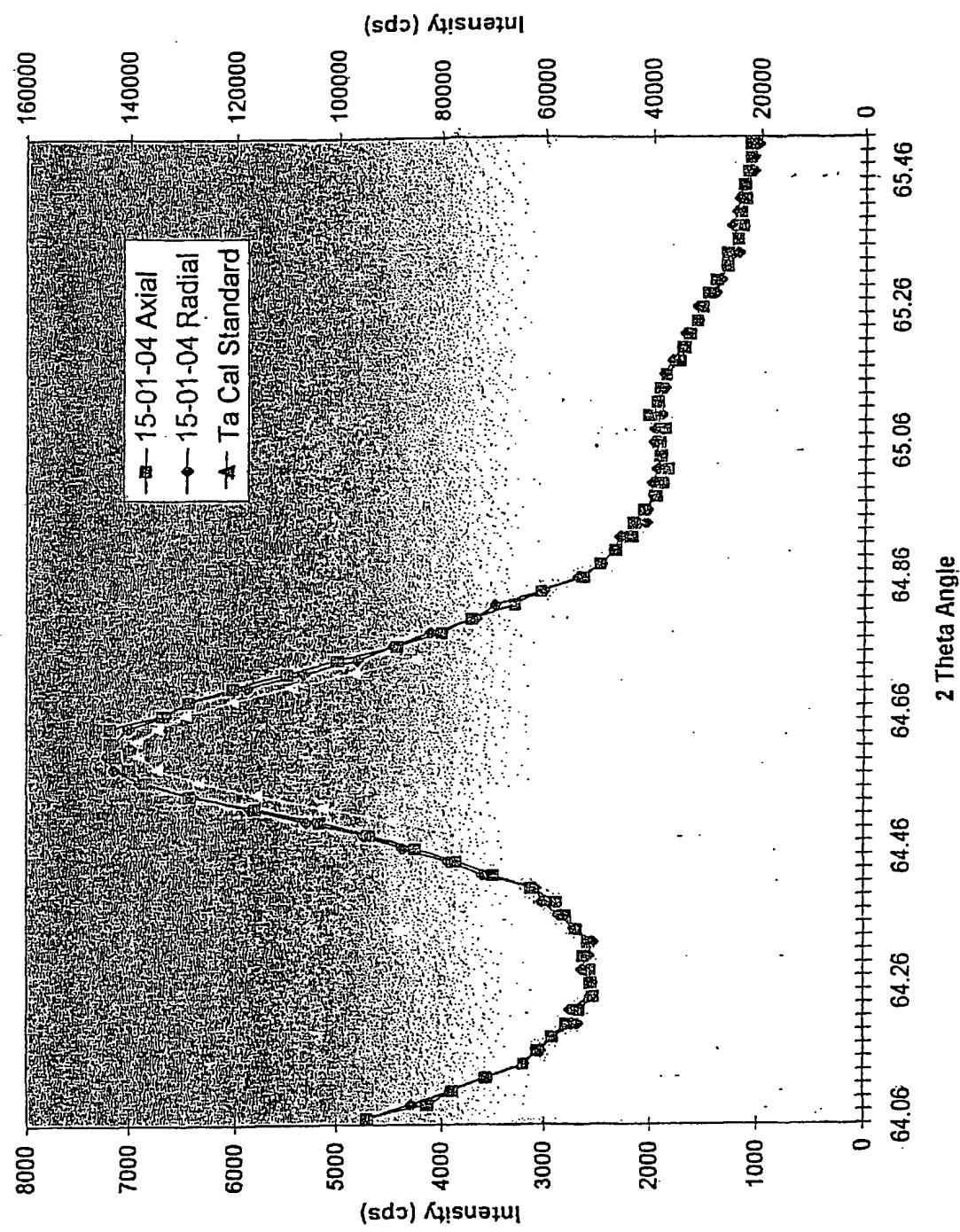


FIG. 57

15-01-04 W- Axial and Radial Samples vs W Cal Standard

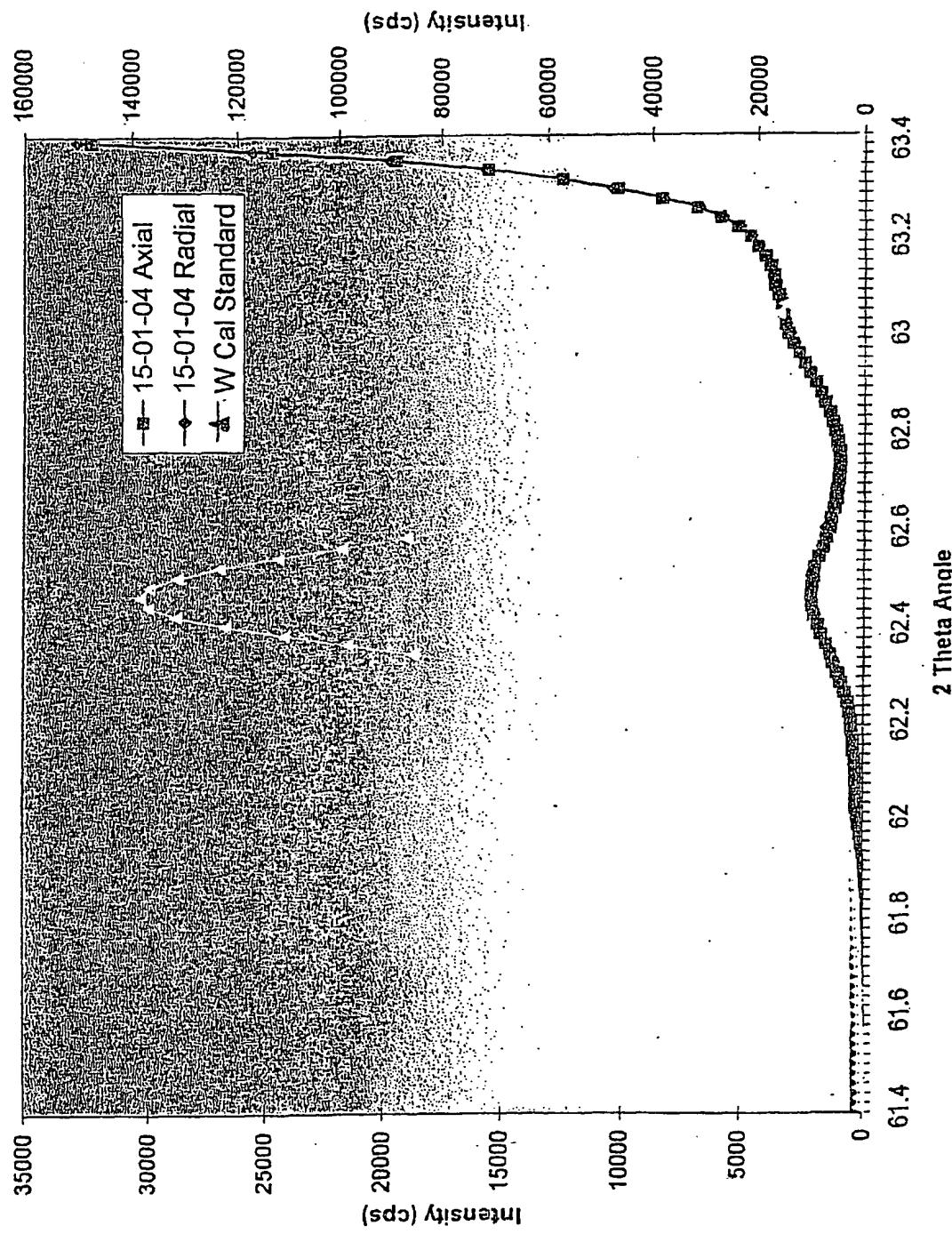


FIG. 58

15-01-04 Hf- Axial and Radial Samples vs Hf Cal Standard (LiF420(SC))

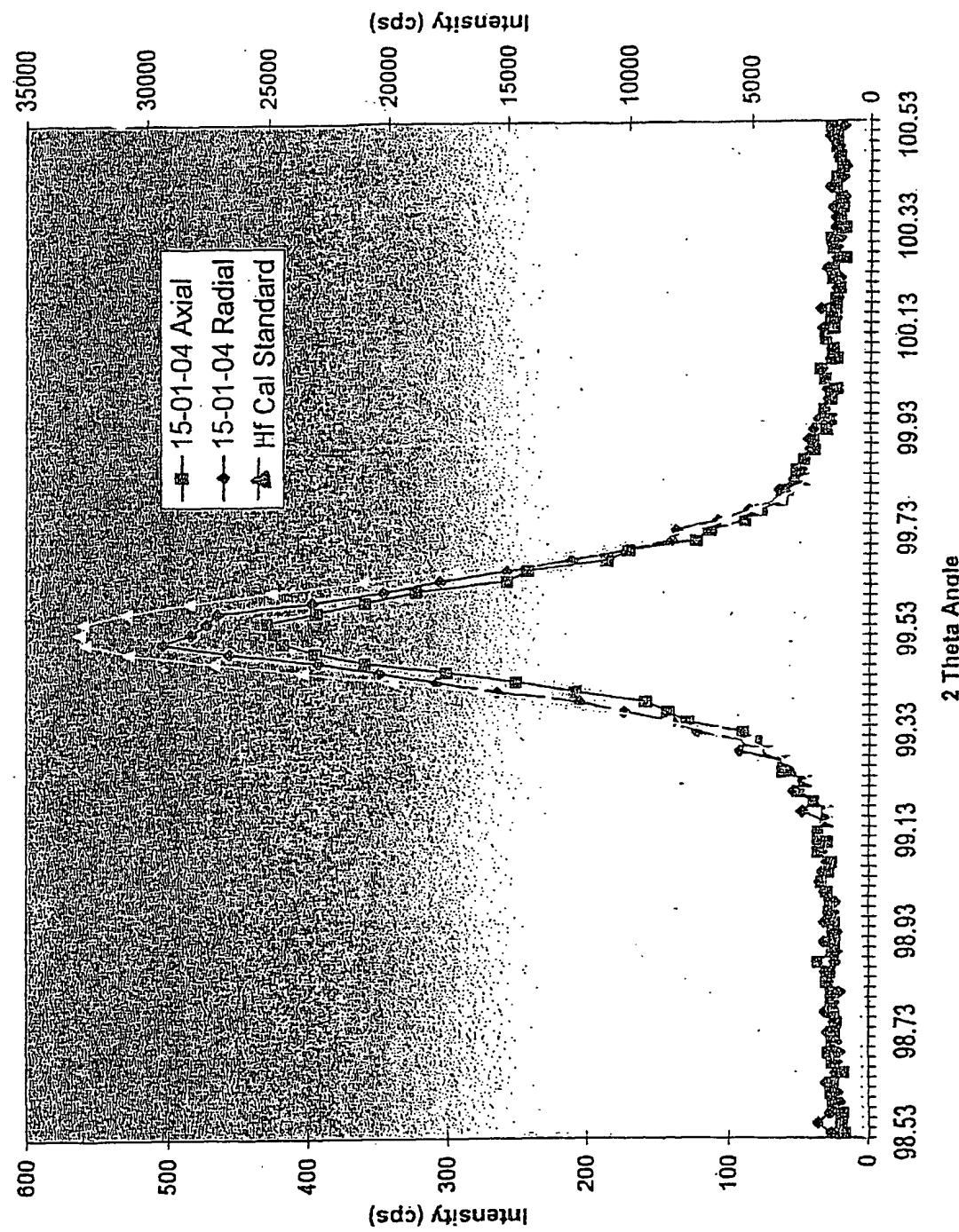


FIG. 59

XRF Scans for Sulfur (Ge111/FPC)
15-01-04 Ni/Hf/W/Ta Ingot

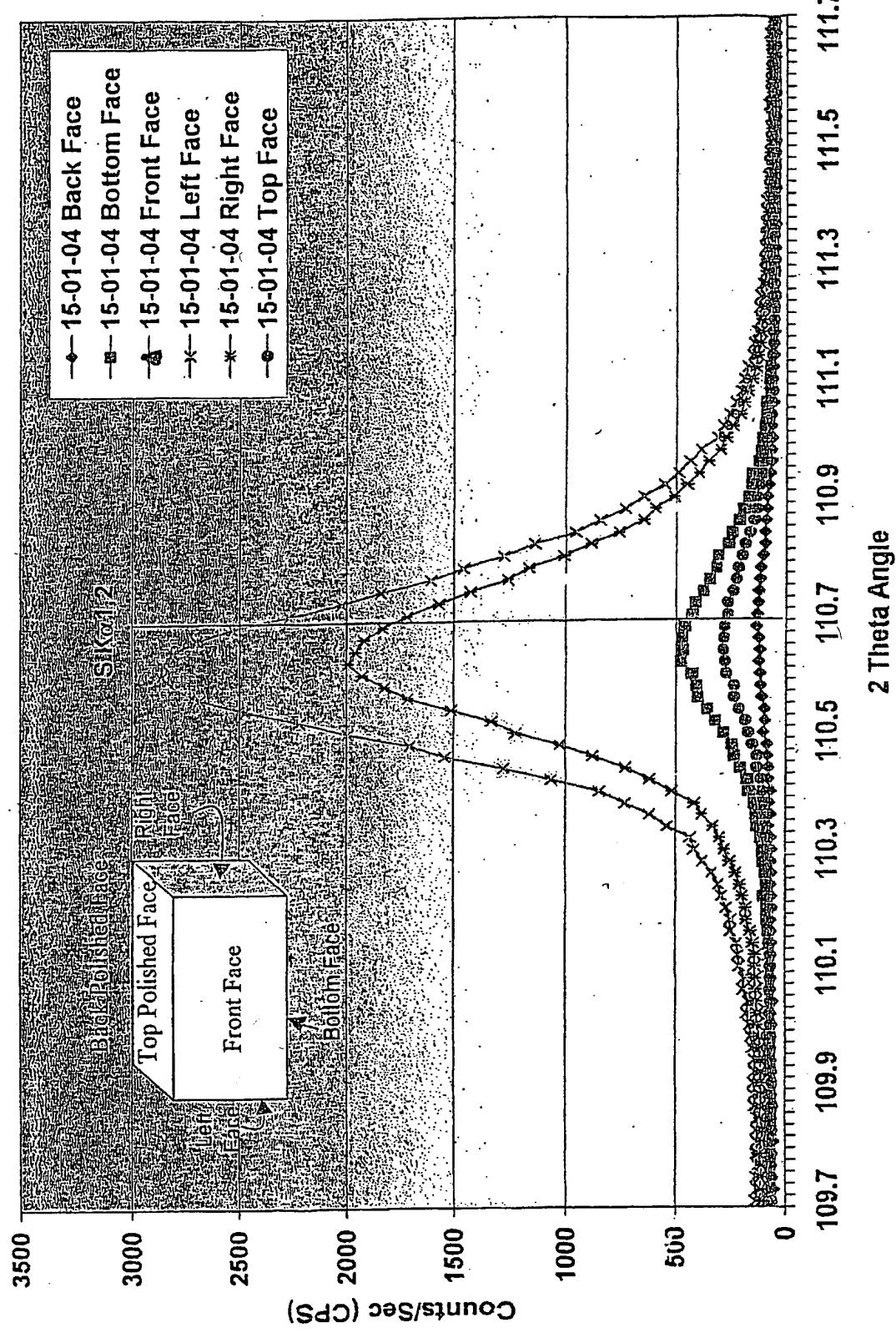


FIG. 60

15-01-04 Ni-Axial and Radial vs Ni Cal Standard (LiF220 FPC)

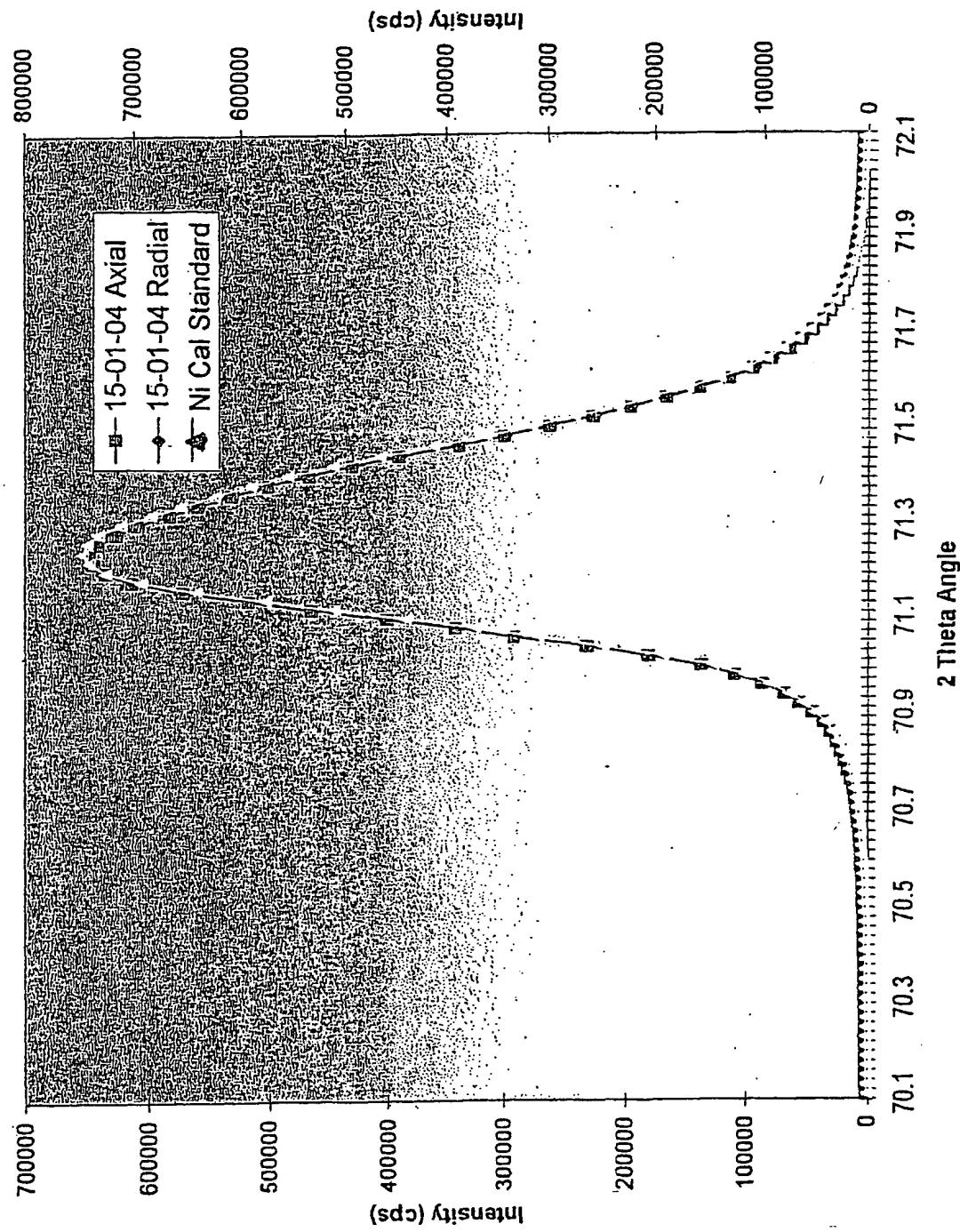


FIG. 61

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